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How to qualify.

Instructions on the qualifications of officers and other ranks for promotion- Non-Permanent Active Militia.

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HOW TO QUALIFY

Instructions on the qualification of officers and other ranks for promotion—Non-Permanent Active Militia

[Amendments 1-3 inserted]

1938

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OTTAWA
J. O. PATENAUDE, I.S.O.
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1938

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Sec. I.—GENERAL

1. These instructions are designed to amplify the regulations contained in K.R. (Can.) 824-853 and replace Appendix VII to K.R. (Can.) 1926, which was cancelled by G.O. 5 of 1935.

Sec. II.—EXAMINATIONS—REQUIRED

2. The examinations required of officers and other ranks in each arm of the Service before being considered for promotion to higher rank are:—

(a) For the rank of Sergeant.

A practical examination.

(b) For the rank of Lieutenant.

1st paper	2nd paper	Practical
Common to all arms except Nursing Sisters.	Special to each arm of the Service or Branch of that arm as follows:— Cav. (Horsed) Cav. (Mech.) Cav. (Armd. C.) Arty. (Mobile) Arty. (C.D.) Arty. (A.A.) Engineers. Signals. Inf. (Rifle) Inf. (M.G.) Inf. (Tank) R.C.A.S.C. C.A.P.C. C.P.C. Nursing Sisters.	Special to each arm of the Service or branch of that arm.

(c) For the rank of Captain.

1st paper	2nd paper	Practical
Common to all arms.	Special to each arm of the Service or branch of that arm as follows:— Cav. (Horsed) Cav. (Mech.) Cav. (Armd. C.) Arty. (Mobile) Arty. (C.D.) Arty. (A.A.) Engineers. Signals. Infantry (Rifle) Infantry (M.G.) Infantry (Tank) R.C.A.S.C. R.C.A.M.C.	Special to each arm of the Service or branch of that arm. (except R.C.O.C., C.A.D.C. and C.P.C.)

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(*d*) *For the rank of Major.*—(All arms less C.A.D.C., R.C.O.C., R.C.A.V.C., C.A.P.C. and C.P.C.)

A practical examination.

An m.s.c. certificate will be accepted in lieu of this qualification.

(*e*) *For the rank of Major.*—(C.A.D.C.. R.C.O.C., R.C.A.V.C., C.A.P.C. and C.P.C.)

No further qualification required, except that O.M.Es. of the R.C.O.C. will be required to qualify in the 1st written examination (common to all arms, less tactics) as for Lieut. to Capt. (see K.R. Can. para. 838 as amended by G.O. 152 of 1937).

(*f*) *For the rank of Lt.-Colonel.*—(All arms less C.A.D.C., R.C.O.C., R.C.A.V.C., C.A.P.C. and C.P.C.)

A practical examination.

An m.s.c. or M.S.C. certificate will be accepted in lieu of this qualification provided it has been awarded within five years of the date of promotion or if the practical portion of the militia staff course has been attended as a refresher course within that period.

(*g*) *For the rank of Lt.-Colonel.*—(C.A.D.C., R.C.O.C., R.C.A.V.C., C.A.P.C. and C.P.C.)

No further qualification required.

(*h*) *For the rank of Colonel.*

A practical examination.

An m.s.c. or M.S.C. certificate will be accepted in lieu of this qualification provided it has been awarded within five years of the date of promotion or if the practical portion of the militia staff course has been attended as a refresher course within that period.

Sec. III.—EXAMINATIONS—SCOPE

3. *For the rank of Sergeant.*

(*a*) A practical examination based on the syllabus for promotion to the rank of Lieutenant in the corresponding arm of the Service but limited in scope to the knowledge essential to the efficient performance of the duties of a Sergeant.

(*b*) The candidate will be tested in drill and use of arms and equipment applicable to his arm of the Service and will also be required to answer simple questions dealing with regimental duties, discipline, map reading, message writing, minor tactics, and/or technical duties of his arm of the Service.

(*c*) NOTE.—Before attending a Course or examination for promotion to the rank of Sergeant, candidates from the R.C.C. of Signals must be in possession of an L.T. Certificate.

4. *For the rank of Lieutenant.*

(*a*) *1st paper (common)* 3 hours—300 marks.

General organization all arms, regimenta duties in peace, Map Reading, Field Engineering, Hygiene and Sanitation, and Military Law.

(*b*) *2nd paper (special)* 3 hours—300 marks.

Tactics special to the arm and co-operation of all arms.

Organization special to the arm, peace and war.

Technical questions special to the arm.

Training.

(*c*) *Practical examination* (see syllabus).

(*d*) NOTE.—Before attending a course or examination for promotion to the rank of Lieutenant, candidates from the R.C.C. of Signals must be in possession of an L.T. Certificate.

5. *For the rank of Captain.*

(*a*) *1st paper (common)* 3 hours—300 marks.

General organization all arms, general administration including supplies, ammunition, petrol, casualties, repairs, Map Reading, Military Law and Tactics all arms.

(*b*) *2nd paper (special)* 3 hours—300 marks.

Tactics special to the arm, including organization and administration, Field engineering, Technical questions special to the arm, and Training.

(*c*) *Practical examination* (except for C.P.C.) (see syllabus).

(*d*) NOTE.—(i) Before a Lieutenant of the R.C.C. of Signals can be considered to have qualified for the rank of Captain, it will be necessary that he obtain a W.T. certificate. If, however, the candidate passes successfully the examination enumerated above prior to obtaining a W.T. certificate, a certificate showing the candidate as qualified for the rank of Captain Signals (less W.T.) will be issued. This certificate, together with the W.T. certificate, when issued, will constitute full qualification for promotion.

(ii) Officers of the R.C.A.M.C., C.A.D.C., R.C.A.V.C., R.C.O.C. and C.P.C. will not be required to answer the tactical questions in the 1st paper. In the case of candidates of the above mentioned corps, the questions not required will be so indicated on the examination paper, the total marks possible reduced accordingly and the pass mark based on the revised total.

(iii) Officers of the R.C.A.V.C. will write the 1st paper only but will be required to attend the full practical portion at a Royal or Camp School.

6. *For the rank of Major.*—(All combatant arms).

The examination will extend over a full day and will comprise an outdoor tactical exercise without troops, to test the ability of the candidate to command and administer a squadron, battery, company or equivalent unit in the field, and his knowledge of how his own unit co-operates with other arms. Candidates attending a Pt. II portion at a Camp or Royal School will be judged on day to day work throughout the course and will not be required to take any further practical examination.

7. *For the rank of Major, R.C.A.M.C.*

The examination will extend over a full day and will comprise an outdoor tactical exercise without troops involving the duties of a regimental medical officer, O.C. Field Ambulance, O.C. Casualty Clearing Station. The candidate will be tested as to his ability to command and administer a medical unit, in the system of evacuation of sick and wounded and in the sanitary arrangements for a force approximately the size of a brigade group.

8. *For the rank of Lt.-Colonel.*—(All combatant arms).

The examination will extend over a full day and will comprise an outdoor tactical exercise without troops, involving the operations of a battalion, or its equivalent, with attached troops. The candidate will be tested as to his ability to command and administer this force as well as the battalion, or its equivalent alone.

9. *For the rank of Lt.-Colonel, R.C.A.M.C.*

A practical examination on the ground based on a scheme involving the operation of a division in war.

Questions arising from various situations in the above operation will be asked to test the candidate's knowledge

of the duties required of an officer in command of a medical unit and also of the general administrative duties of the A.D.M.S. of a division.

10. *For the rank of Colonel.*

The examination will extend over a period of from two to three days and will comprise an outdoor tactical exercise without troops, involving the operations of a mixed force of all arms of approximately the strength of a brigade group. The candidate will be tested as to his ability to command and administer this force.

Sec. IV.—BOARDS

11. *Composition and convening of.*

(a) Examining boards for practical examinations will be convened by the District Officer Commanding (except Lt.-Colonels for promotion to the rank of Colonel where the board will be convened by National Defence Headquarters). In cases where the results are judged on day to day progress throughout the practical portion at a Royal, Permanent or Camp School, the board will be detailed by the District Officer Commanding prior to the commencement of the School.

The board may, at its own discretion or as directed by the D.O.C., require candidates to answer a proportion of the questions in writing. Answers to any written questions will be marked by the board and the marks included with those obtained on questions answered orally.

(b) The supervising boards for written examinations will be convened by the District Officer Commanding.

(c) Examining boards for practical examinations will consist of a President, two steps in rank senior to the senior candidate being examined, e.g. Lt.-Colonel for Colonel, the President will be a Brigadier; for Major to Lt.-Colonel, the President will be a Colonel, etc., and at least two members one of whom will be a Permanent Force officer of the candidate's arm of the Service.

(d) Supervising boards for written examinations will consist of a President not below the rank of Captain and two members. One member of the board should be a Permanent Force Officer and when there are less than twenty-four candidates at any sitting, the board may consist of a President and one member only.

12. *Procedure.*

(a) *Written examinations* (Officers only).—Board proceedings (M.F.B. 303) will be submitted by the President of the board to the convening officer for approval and retention. The President of the board will turn in all worked examination books to the District Officer Commanding who will pass them to the appropriate Royal or Permanent School of Instruction for marking. One manuscript copy of the marks obtained will be forwarded by the Commandant of the School to the District Officer Commanding who will prepare and sign the record of results on M.F.B. 1434. Two copies of M.F.B. 1434, if approved by the District Officer Commanding, will be forwarded to National Defence Headquarters for confirmation. The results, when confirmed, will be registered at District Headquarters and promulgated in District Orders.

(b) *Practical examinations* (All ranks).—Board proceedings (M.F.B. 303) will be submitted by the President of the Board to the convening officer who will have the results recorded on M.F.B. 1434 and the necessary certificates prepared (duplicate copies will not be made).

In the case of officers, M.F.B. 1434, M.F.B. 243, both in duplicate, and the certificate will be forwarded to N.D.H.Q. for confirmation, registration and promulgation. On return to the District of the confirmed copy of M.F.B. 1434 and registered certificate, the former will be filed and the latter distributed. The qualification will be entered in a register at District H.Q. and promulgated in District Orders. In the case of soldiers confirmation, registration and promulgation will be carried out at District H.Q.

(c) In every case separate M.Fs.B. 1434 will be used for each arm.

Sec. V.—SCHOOLS

13. Instructions to assist candidates in the preparation for promotion examinations can be obtained at Schools as follows:—

(a) Royal and Permanent Schools—conducted at Permanent Force Stations from time to time, as notified in Militia Orders.

(b) Camp Schools—as authorized by National Defence Headquarters or the District Officer Commanding conducted from time to time as notified in Militia or District Orders.

(c) Provisional Schools and Regimental Courses—authorized by the District Officer Commanding as required.

14. Except in the case of practical examinations which may be based on the day to day progress during the practical portion of a Royal, Permanent or Camp School, examinations will not be held as part of any School programme. Practical examinations will be held at the discretion of Officers authorized to convene such examination boards (see Section IV—11.). Written examinations will be held three times each year only on dates which will be notified in Militia Orders.

Sec. VI.—OTHER COURSES—DETAIL

15. In addition to Schools and Courses enumerated above for the assistance of candidates preparing for promotion, Instructors' Courses will be conducted from time to time for the purpose of qualifying Regimental Instructors of all ranks in the various Arms, e.g., Small Arms, Gunnery, Driving and Maintenance of M.T. Vehicles, Drill, Anti-Gas, etc. Candidates for these courses should be carefully selected with a view to their becoming Regimental Instructors. They should have a good knowledge of the subject before attending a course and should be possessed of the aptitude for instructing others. An entrance examination will be held at the commencement of each course and any candidate who lacks preliminary knowledge of the subject or, in the opinion of the Commandant is not likely to become a suitable instructor, will be returned to his unit.

16. *(a)* In addition to Instructors' Courses enumerated in para. 15 above, technical courses will be conducted at the discretion of the D.O.C. for the purpose of qualifying signal personnel in V.T., W.T., and L.T. as required.

(b) Courses for Q.Ms. and Q.M.Ss. will be conducted from time to time at Royal, Permanent or Camp Schools for complete qualification or the theoretical portion may be taken by a correspondence course conducted by the R.C.A.S.C. School of Instruction and the practical portion at a Permanent or Camp School where facilities exist for giving the instruction and carrying out the examination.

Sec. VII.—SYLLABUSES

17. The following syllabuses will be used as a guide in the preparation of candidates for written and practical examinations.

18. In the syllabuses in preparation for the written examinations, certain drill and other practical periods have been included for two reasons:—

(a) to relieve the congestion at the comparatively short practical portion and permit more time to be spent on practical tactics or technical instruction.

(b) to provide a better balanced syllabus at Schools of Instruction and avoid continuous lectures.

19. The periods shown in the syllabus are of forty-five minutes duration.

20. The number of periods are based on the normal duration for Schools as follows:—

(a) In preparation for first examination paper, four weeks at a Provisional School or Regimental Course depending, of course, on the number of periods which can be put in each week; one week at a Camp School or one and one half week at a Royal School.

(b) In preparation for the second examination paper, same as for first paper.

(c) In preparation for practical examination, two weeks at a Royal or Camp School.

21. Other ranks nominated to attend the practical portion at a Royal or Camp School will be required to pass an entrance examination on joining, dealing generally with an elementary knowledge of the subjects enumerated in the syllabus in preparation for the first and second written papers, 2nd Lieutenant to Lieutenant. Any candidate failing in this entrance examination will be returned to his unit.

22. All ranks may attend a Royal or Camp School for the entire course or the practical portion only or may, on the recommendation of the Commanding Officer and the concurrence of the District Officer Commanding, take any examination without a course.

23. Officers will be required to have passed both written papers before attending a practical portion course or practical examination except in cases where candidates attend the complete course at a Royal or Camp School.

COMMON TO ALL ARMS

2nd Lieutenant to Lieutenant

In preparation for 1st Examination paper

Period	Detail	Reference
	GENERAL ORGANIZATION	
1	Organization of a Division..... (Not required in detail.)	Organization of units for use as examinations only—War establishments.
2	Characteristics of combatant arms and their weapons.	F.S.R. V. II. Chap. 1 and App. I.
3	General functions of Administrative Services.	F.S.R. V. I. Chap. 12.
4	Organization and System of command in the Canadian Militia.	K.R. (Can.) Sec. I. Peace Establishments (G.O. 50, 1938.)
	DUTIES	
5	Duties of Orderly Officer, Orderly Sergeant and Corporal, R.S.M., R.Q.M.S., C.S.M. and C.Q.M.S.	K.R. (Can.) paras. 71, 872, 892.
6	Official publications and Orders...	K.R. (Can.) 1574. App. IX.
7	Pay and Allowances of Officers and O.Rs. N.P.A.M.—Unit Allowances.	P. & A. Regns. Art. 133-138 and 159.
	MAP READING	
8	Definition and conventional signs.	Notes on Map Reading, Chap. 2.
9	Map reference and co-ordinates....	Notes on Map Reading, Chap. 7.
10	Scales, construction and use of....	Notes on Map Reading, Chap. 3.
11 to 13	Relief, slopes and intervisibility..	Notes on Map Reading, Chap. 5.
14 - 15	Bearings, compass and protractor.	Notes on Map Reading, Chaps. 6 and 10 and App. 1 and 2.
16	Setting a Map.....	Notes on Map Reading, Chap. 8.
17 - 21	Exercises.....	
	FIELD ENGINEERING	
22	Simple Defence Works generally..	M.F.E. Vol. I. Secs. 7, 36-37. plates 18-20, 23.
23	Obstacles and Demolitions.....	M.F.E. Vol. I. Secs. 22-24, 52, 53, 60-61.
24	Organization of Working Parties and division of responsibility for work.	M.F.E. Vol. L. Chap. 4.
	HYGIENE AND SANITATION	
25	Sanitary arrangements in Camps, Billets and Bivouacs.	F.S.P.B. Sec. 51.
26	General Health of the Troops.....	F.S.R. Vol. I. Sec. 110-114, 141, 148, 150, 151-153, 154, 159. Army Manual Hygiene and Sanitation.

COMMON TO ALL ARMS

2nd Lieutenant to Lieutenant—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	MILITARY LAW	
27	Nature and purpose of Military Law, legal position of officers and soldiers; Martial and Military Law. Contents generally of Manual of Military Law (including Army Act. Rules of Procedure). K.R. (Can.) (including Militia Act).	M.M.L. Chap. I. Militia Act. Sec. 79.
28	The Militia Act, including arms, clothing and equipment; calling out Militia, Active Service.	
29	The Militia Act, including desertion and absence without leave; Aid to Civil Power, Offences and Penalties.	Militia Act. Sec. 65, 75-78, 82, 106-108, 112, 115-121, 125-129, 137.
30	Discipline, including general instructions, arrest and military custody, investigation of charges, and discipline at Schools of Instruction.	K.R. (Can.) paras. 410, 412, 417, 419-422, 427, 429, 443, 445-448, 450-453, 458-461, 463-464, 468, 471, 528-530.
	DRILL AND USE OF ARMS	
31–34	Squad Drill, common to all arms.	M.E.D.
35–40	Rifle and Anti-Tank Rifle.....	S.A.T.
41–45	Light Machine Gun.....	S.A.T.

COMMON TO ALL ARMS

Lieutenant to Captain

In preparation for 1st Examination paper

Period	Detail	Reference
	GENERAL ORGANIZATION	
1	Organization of a Division (Not required in detail). Organization of N.P.A.M.	Organization of Units for use at examinations only. War Establishments.
2	Appointments, promotions and retirements of officers, enlistment, term of service, promotion, transfer, discharge, re-engagement of O.Rs., N.P.A.M.	K.R. (Can.)
	ADMINISTRATION	
3	System of supply of clothing and equipment, stores and accounting, procedure for recovery of lost arms and equipment (Peace)	Clothing Regulations, Equipment Regulations, and Militia Act.
4	Supply, repair, replacement of stores, clothing and equipment and vehicles in the field.	F.S.R. Vol. I.
5	Supply of ammunition and petrol..	F.S.R. Vol. I.
6	Supplies in the field and casualties.	F.S.R. Vol. I.
7	Messes, canteens, institutions and regimental funds.	K.R. (Can.)
	MAP READING	
8– 9	Recapitulation of all subjects as for Lieutenant.	Notes on Map Reading.
10–11	Photo reading.....	Manual of Map and Photo Reading and Field Sketching.
12	Map enlargements.....	Manual of Map and Photo Reading and Field Sketching.
13–18	Exercises.....	
	TACTICS—ALL ARMS	
19	Battle.....	F.S.R. Vol. II. Chap. 2.
20	Information and reconnaissance....	" Chap. 4.
21	Appreciations.....	Training Regns. Sec. 22.
22	Operation Orders, reports and messages.	F.S.R. Vol. II. Chap. 2 and App. IV and V and F.S.P.B.
23	Inter-communication.....	F.S.R. Vol. II, Chap. 2.
24	Characteristics and co-operation—All arms.	F.S.R. Vol. II, Chap. 1.
25	Drawing up fire plan.....	" "
26–28	Exercise, attacks.....	
29–31	Exercise, defence.....	
32–37	Exercise, protection on the move..	
38–40	Exercise, protection at rest.....	

Lieutenant to Captain—Con.

In preparation for 1st Examination paper

Period	Detail	Reference
	MILITARY LAW	
41	Review 1st period as for Lieutenant	
42	Review 2nd and 3rd period as for Lieutenant.	
43	Procedure for laying charges, awarding and recovering penalties.	Militia Act. Sec. 125-133.
44	Discipline — General instructions, arrest and military custody, investigation of charges.	K.R. (Can.) paras. 410-482.
	Rules of evidence.....	M.M.L. Chap. VI.
45	Discipline at School of Instruction. General Scope of Courts of Inquiry and Boards of officers.	K.R. (Can.) paras. 528-530, 635-649. P. & A. Regns. Art. 304, 330.

CAVALRY (Horsed)

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	DRILL	
1– 6	Troop Drill (dismounted).....	C.T. (Horsed) 1937, Secs. 33-42.
	SMALL ARMS TRAINING	
7– 9	Judging Distance.....	S.A.T. I, Pa. 2 (1937), Lesson 9-12.
10–11	Visual Training.....	" " 1-2.
12–14	Recognition.....	" " 5, 7, 8.
15–16	Fire Control.....	" " 13-15.
	ORGANIZATION AND TRAINING	
17	Organization of Own Unit—Peace and War, and Training Orgn. at Camps.	C.T. (Horsed) 1937, Sec. 2, Appx. to G.O. 50 of 1938. M.O. for current year.
18	Unit Weapons.....	C.S.L. 1934, Secs. 5, 6; Chap. IV, X. F.S.R. II, 1935, App. I.
19	Messages.....	C.S.L. Sec. 48. F.S.R. II, 1935, Secs. 31, 34, 36 and Appx. IV.
20	Medical, Veterinary, and Repair arrangements in the field—Troop aspect.	C.T. (Horsed) 1937, Secs. 4, 5 (vi) and 100, 5 (6). A.M. 1933, M.H.E.D. 1929.
21	Supply — Petrol, Supplies, Stores and Ammunition.	C.T. (Horsed) 1937, Chap. XVII.
22	Marches.....	A.M. 1933, pages 143-148. C.T. (Horsed) 1937, Sec. 91, Chap. IX. F.S.R. II, 1935, Secs. 21, 22, 25, 28, 78, Appx. I.
	TACTICS	
23–45	To be taught by Lectures and Tactical Exercises (Canvas Model or Sand Table) which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R.
	(ii) Intercomm. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Horsed) 1937, Secs. 15, 90, 107, 108, 161.
	(iii) Orders, Messages and Reports (compilation, collection, collation, and transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935. Sec. 35 and Appx. IV.
	(iv) Defence against Gas.....	D.A.G. 1935. F.S.R. II, Sec. 40.
	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. VI, VIII.

Period	Detail	Reference
	TACTICS—*Con.*	
23–45 *(Con.)*	(vi) Protection—On the move and at rest. Escort to Convoys.	F.S.R. II, 1935, Chap. V. C.T. (Horsed) 1937, Chap. VII, XII.
	(vii) Attack and Defence.....	F.S.R. II, 1935, Secs. 55-59, 61, 62. C.T. (Horsed) 1937, Chap. VIII, IX.
	(viii) Special Missions and other operations.	C.T. (Horsed) 1937, Chap. V.
	(ix) Organization and Adm. in the field (practical problems as they arise).	
	(x) Appreciations.....	F.S.R. II, 1935, Secs. 11 and 12. Trg. Regs. 1934, Sec. 22.
	(xi) Preparing and conducting a Tactical Exercise.	Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M., 1934, app. III. C.S.L. 1934, Chap. VII, plates III, IV, V, VI.
	(xii) Fd. Eng.—Concealment, simple defence works and obstacles.	M.F.E. I, 1933, Secs. 16, 17-23 and Pl. 13, A, B, C, 60, 61. C.T. (Horsed) 1937, Secs. 92, 93.
	NOTE.—"Co-operation with all arms" will be taught and discussed in connection with the exercise.	

CAVALRY (Horsed)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1– 8	Equitation, Troop Drill and Tp. in Sqn. drill. NOTE 1.—During periods 17-90, whenever possible, further practice and instruction will be given.	M.H.E.D. 1929, Secs. 22-48. C.T. (Horsed) 1937, Secs. 43-69.
	SMALL ARMS TRAINING	
9–16	(i) *L.M.G.*:— Holding, aiming and firing, Stripping and assembling, Elementary mechanism, Care and cleaning, Stoppages and I.A. Tripod (incl. A.A. action).	S.A.T. I, 1937, Pa. 4, Secs. 1, 2, 3, 4.
	(ii) *A/T Rifle*:— As above, where applicable.....	S.A.T. I, 1937, Pa. 5.
	TACTICS	
17–90	*Practical Tactics*:— To be conducted practically by Tactical Exercises — covering the same scope as, and based upon, the tactical instruction given in preparation for the 2nd examination paper.	
	NOTE 2.—Horsemastership, Minor ailments and saddlery will be covered practically, before, during, and after training parades as occasions offer.	M.H.E.D., Chap. I.
	NOTE 3.—"Co-operation with all arms" to be taught and discussed in connection with the exercises—as applicable to 2/Lts.	

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CAVALRY (Horsed)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	DRILL	
1– 6	Sqn. Drill (dismounted).....	C.T. (Horsed) 1937, Sec. 60-69.
	SMALL ARMS TRAINING	
7	Annual S.A.T. Programmes, Courses and Returns; Badges and Prizes.	Memo. on Trg. C.M., 1934. P. & A. Regs. 1937, Art. 166.
	ORGANIZATION AND TRAINING	
8	Organization of Own Unit—Peace and War, and Training Orgn. at Camp.	C.T. (Horsed) 1937, Sec. 2. Appx. to G.O. 50 of 1938.
9	Training and Trg. Programmes...	Memo. on Trg. C.M., 1934. C.T. (Horsed) 1937, Chap. IV.
10	Messages.....	C.S.L. 1934, Sec. 48. F.S.R. II, 1935, Secs. 31, 34, 36, and App. IV.
11	Medical, Veterinary, and Repair arrangements in the field—Sqn. aspect.	C.T. (Horsed) 1937, Secs. 4, 5 (vi) and 100, 5 (6). A.M. 1933. M.H.E.D. 1929.
12	Supply—Petrol, Supplies, Stores and ammunition.	C.T. (Horsed) 1937, Chap. XVII.
13, 14	Marches.....	C.T. (Horsed) 1937, Sec. 91. M.H.E.D. 1929, Sec. 10. A.M. 1933, pages 143-148. F.S.R. II, 1935, Secs. 21, 22, 25, 78, 79(2).
	TACTICS	
15–45	To be taught by Lectures and Tactical Exercises (Canvas Model or Sand Table) which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R.
	(ii) Intercomm. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Horsed) 1937, Secs. 15, 90, 107, 108, 161.
	(iii) Orders, Messages and Reports (compilation, collection, collation, and transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935. Sec. 35 and Appx. IV.
	(iv) Defence against Gas.....	D.A.G. 1935. F.S.R. II, Sec. 40.
	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. VI, VIII.

CAVALRY (Horsed)

Lieutenant to Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS—*con.*	
15-45 *(Con.)*	(vi) Protection—On the move and at rest. Escort to Convoys.	F.S.R. 1935, Chap. V. C.T. (Horsed) 1937, Chap. VII, XII.
	(vii)Attack and Defence.....	F.S.R. II, 1935, Secs. 55-59, 61, 62. C.T. (Horsed) 1937, Chap. VIII, IX.
	(viii) Special Missions and other operations.	C.T. (Horsed) 1937, Chap. V.
	(ix) Organization and Adm. in the the field (practical problems as they arise).	
	(x) Appreciations.....	F.S.R. II, 1935, Secs. 11 and 12. Trg. Regs. 1934, Sec. 22.
	(xi) Preparing and conducting a Tactical Exercise.	Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M., 1934, App. III. C.S.L. 1934, Chap. VII, plates III, IV, V, VI.
	(xii) Fd. Eng.—Concealment, simple defence works and obstacles.	M.F.E. I, 1933, Secs. 16, 17-23 and Pl. 13, A, B, C, 60, 61. C.T. (Horsed) 1937, Secs. 92,93.
	NOTE.—"Co-operation with all arms" will be taught and discussed in connection with the exercise.	

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CAVALRY (Horsed)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1–10	Sqn. Drill and Equitation—to include the passage and negotiation of obstacles encountered in the field.	M.H.E.D. 1929. C.T. (Horsed) 1937, Secs. 8, 43-69.
	NOTE 1.—During periods 11-90, whenever possible, further practice and instruction will be given.	
	TACTICS	
11–90	*Practical Tactics*— To be conducted practically by Tactical Exercises—covering the same scope as, and based upon, the tactical instruction given in preparation for the 2nd examination paper.	
	NOTE 2.—"Co-operation with all arms" will be taught and discussed in connection with the exercises.	
	NOTE 3.—Horsemastership, Minor ailments and saddlery will be covered practically, before, during, and after training parades as occasions offer.	M.H.E.D. 1929, Chap. I.

CAVALRY (Horsed)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1–10	Sqn. and Regtl. Drill (Mounted)..	C.T. (Horsed) 1937, Secs. 60-79.
	NOTE 1.—During periods 11-90, whenever possible, further practice and instruction will be given.	
	TACTICS	
11–90	To be conducted practically by Tactical Exercises which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R. 1929.
	(ii) Intercomm. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Horsed) 1937, Secs. 15, 90, 107, 108, 161.
	(iii) Orders, Messages and Reports (compilation, collection, collation, and transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935, Sec. 35 and Appx. IV.
	(iv) Defence against Gas.....	D.A.G. 1935. F.S.R. II, 1935, Sec. 40.
	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. VI, VIII.
	(vi) Protection—On the move and at rest. Escort to Convoys.	F.S.R. II, 1935, Chap. V. C.T. (Horsed) 1937, Chap. VII, XII.
	(vii) Attack and Defence (incl. vs. A.F.V.)	F.S.R. II, 1935, Secs. 55-59, 61, 62. C.T. (Horsed) 1937, Chap. VIII, IX, X.
	(viii) Special Missions and other operations.	C.T. (Horsed) 1937, Chap. V.
	(ix) Organization and Adm. in the field (practical problems as they arise).	
	(x) Appreciations.....	F.S.R. II, 1935, Secs. 11 and 12. Trg. Regs. 1934, Sec. 22.
	(xi) Preparing and conducting a Tactical Exercise.	C.S.L. 1934, Chap. VII, plates III, IV, V, VI. Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M. 1934, Appx. III.

Period	Detail	Reference
	TACTICS—*con.*	
11-90 *(Con.)*	(xii) Fd. Eng.—Concealment, simple defence works and obstacles, passage of obstacles.	M.F.E. I, 1933, Secs. 16, 17-23 and Pl. 13 A, B, C, 60, 61. C.T. (Horsed) 1937, Secs. 92, 93.
	NOTE 2.—"Co-operation with all arms" will be taught and discussed in connection with the exercises.	
	NOTE 3.—Horsemastership, Minor ailments and saddlery will be covered practically before, during, and after training parades as occasions offer.	M.H.E.D. 1929, Chap. I.

CAVALRY (Armoured Cars)

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	DRILL	
1– 2	Troop Drill (Dismounted).....	C.T. (Horsed) 1937, Secs. 33-42.
3	Crew Drill.....	C.T. (Mech.). Pa. I, Sec. 3.
4– 6	Mounted Drill (taught dismounted at this stage).	C.T. (Mech.) Pa. I, Sec. 4 (1-15).
	SMALL ARMS TRAINING	
7– 9	Judging Distance.....	S.A.T. I, Pa. 2 (1937) Lesson9-12.
10–11	Visual Training.....	" " 1-2.
12–14	Recognition.....	" " 5, 7, 8.
15–16	Fire Control.....	" " 13-15.
	ORGANIZATION AND TRAINING	
17	Organization of Own Unit—Peace and War, and Trng. Orgn. at Camps.	C.T. (Mech.) Pa. I, 1937, Sec. I. Appx. to G.O. 50 of 1938. M.O., for current year.
18	Unit Weapons.....	F.S.R. II, 1935, Appx. I.
19	Messages.....	C.S.L. 1934, Sec. 48. C.T. (Mech.) Pa. I, 1937, Sec. 15. F.S.R. II, 1935, Secs. 31, 34, 36 and Appx. IV.
20	Medical and Repair arrangements in the field—Troop aspect.	C.T. (Horsed) 1937, Sec. 5 (iv). C.T. (Mech.) Pa. I, 1937, Appx.
21	Supply—Petrol, Supplies, Stores and Ammunition.	C.T. (Horsed) 1937, Chap. XVII. C.T. (Mech.) 1937, Pa. I, Appex.
22	Marches.....	C.T. (Mech.) 1937, Pa. I, Chap. IX F.S.R. II, 1935, Secs. 21-23, 79, Appx. I.
	TACTICS	
23–45	To be taught by Lectures and Tactical Exercises (Canvas Model or Sand Table) which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R.
	(ii) Intercomm. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Mech.) Pa. I, Chap. III and Sec. 44. C.T. (Horsed) 1937, Sec. 161.
	(iii) Orders, Messages and Reports (compilation, collection, collation, and transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935. Sec. 35 and Appx. IV.
	(iv) Defence against Gas.....	D.A.G. 1935. F.S.R. II, Sec. 40.
	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI and Sec. 174. C.T. (Mech.) 1937, Pa. I, Chap.III. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. VI, VIII.

CAVALRY (Armoured Cars)

2nd Lieutenant to Lieutenant—Con.

In preparation for 2nd Examination payer

Period	Detail	Reference
	TACTICS—*con.*	
23–45 *(Con.)*	(vi) Protection—On the move and at Rest. Escort to Convoys.	F.S.R. II, 1935, Chap. V. C.T. (Mech.) 1937, Pa. I, Chap. IV.
	(vii) Attack and Defence.....	C.T. (Mech.) 1937, Pa. 1, Chap. V and Sec. 34.
	(viii) Special Missions and other operations.	C.T. (Mech.) 1937, Pa. 1, Chap. VI.
	(ix) Organization and Adm. in the field (practical problems as they arise).	
	(x) Appreciations.....	F.S.R. II, 1935, Secs. 11, 12. Trg. Regs. 1934, Sec. 22.
	(xi) Preparing and conducting a Tactical Exercise.	Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M. 1934, App. III.
	(xii) Fd. Eng.—Passage of obstacles—road blocks and obstacles.	M.F.E. I, 1933, Secs. 23 and Pl. 13 A, B, C, 60, 61. F.S.R. II, 1935, Appx. VIII, Sec. 5. C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45.
	NOTE.—"Co-operation with all arms" will be taught and discussed in connection with the exercises.	

CAVALRY (Armoured Cars)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1– 8	Crew Drill, Signals, Troop Drill and Troop in Sqn. Drill. NOTE 1.—During periods 17-90, whenever possible, further practice and instruction will be given.	C.T. (Mech.) 1937, Pa. I, Secs. 3, 4.
	SMALL ARMS TRAINING	
9–16	(i) *V.M.G.*— General, Stripping, Machanism, Stoppages, Maintenance-gunnery, Points before, during and after firing, General handling.	Handbook as applicable.
	(ii) *A/T Rifle*— As above, where applicable.....	S.A.T. I, 1937, Pa. 5.
	TACTICS	
17–90	*Practical Tactics*— To be conducted practically by Tactical Exercises—covering the same scope as, and based upon, the tactical instruction given in preparation for the 2nd examination paper. NOTE 2.—Maintenance will be covered practically, before, during and after training parades as occasions offer. NOTE 3.—"Co-operation with all arms" to be taught and discussed in connection with the exercises—as applicable to 2/Lts.	

CAVALRY (Armoured Cars)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	DRILL	
1- 2	Sqn. Drill (Dismounted).....	C.T. (Horsed) 1937, Secs. 60-68.
3- 6	Mounted Drill (taught dismounted at this stage).	C.T. (Mech.) 1937, Pa. 1, Sec. 4 (16-20) and Plate III.
	SMALL ARMS TRAINING	
7	Annual S.A.T. Programmes, Courses and Returns; Badges and Prizes.	Memo. on Trg. C.M., 1934. P. & A. Regs. 1937, Art. 166.
	ORGANIZATION AND TRAINING	
8	Organization of own Unit—Peace and War, and Training Organization at Camps.	App. to G.O. 50 of 1938. C.T. (Mech.) 1937, Pa. 1, Sec. 1. M.Os. for current year.
9	Training and Trg. Programmes...	C.T. (Mech.) 1937, Pa. 1, Secs. 1, 5. Memo. on Trg. C.M., 1934.
10	Messages.....	C.S.L. 1934, Sec. 48. C.T. (Mech.) 1937, Pa. 1, Sec. 15. F.S.R. II, 1935, Secs. 31, 34, 36 and Appx. IV.
11	Medical and Repair arrangements in the field—Sqn. aspect.	C.T. (Horsed) 1937, Sec. 5 (iv). C.T. (Mech.) 1937, Pa. 1, Sec. 8 and App.
12	Supply—Petrol, supplies, stores and ammunition.	C.T. (Horsed) 1937, Chap. XVII. C.T. (Mech.) 1937, Pa. 1, Appx.
13	Inspection of Vehicles, Equipment and Tools. Checking M.T. Forms and Reports.	Maintce. Handbook, for M.Vs., 1930, Sec. III. N.D.F.C. 750, 787, 788, 792, 763. M.F.C. 746. N.D. 96.
14	Marches.....	C.T. (Mech.) 1937, Pa. 1, Chap. IX F.S.R. II, 1935, Secs. 21-23, 25, 79, Appx. I.
15-45	TACTICS	
	To be taught by Lectures and Tactical Exercises (Canvas Model or Sand Table) which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R.
	(ii) Intercomm. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Mech.) Pa. 1, Chap. III and Sec. 44. C.T. (Horsed) 1937, Sec. 161.
	(iii) Orders, Messages and Reports (compilation, collection, collation, and transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935. Sec. 35 and Appx. IV.
	(iv) Defence against Gas.....	D.A.G. 1935. F.S.R. II, Sec. 40.

CAVALRY (Armoured Cars)

Lieutenant to Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS—*con.*	
15–45 *(Con.)*	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI and Sec. 174. C.T. (Mech.) 1937, Pa. 1, Chap. III. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. VI, VIII.
	(vi) Protection—On the move and at Rest. Escort to Convoys.	F.S.R. II, 1935, Chap. V. C.T. (Mech.) 1937, Pa. 1, Chap. IV.
	(vii) Attack and Defence.....	C.T. (Mech.) 1937, Pa. 1, Chap. V and Sec. 34.
	(viii) Special Missions and Other operations.	C.T. (Mech.) 1937, Pa. 1, Chap. VI.
	(ix) Organization and Adm. in the field (practical problems as they arise).	
	(x) Appreciations.....	F.S.R. II, 1935, Secs. 11, 12. Trg. Regs. 1934, Sec. 22.
	(xi) Preparing and conducting a Tactical Exercise.	Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M. 1934, App. III.
	(xii) Fd. Eng.—Passage of obstacles—road blocks and obstacles.	M.F.E. I, 1933, Sec. 23 and Pl. 13 A, B, C, 60, 61. F.S.R. II, 1935, Appx. VIII, Sec. 5. C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45.
	NOTE.—"Co-operation with all arms" will be taught and discussed in connection with the exercises.	

CAVALRY (Armoured Cars)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1– 8	Sqn. Drill (Mounted).....	C.T. (Mech.) 1937, Pa. 1, Sec. 4.
	NOTE 1.—During periods 17-90, whenever possible, further practice and instruction will be given.	
	OBSTACLES	
9–10	Obstacles—negotiation, etc., and the co-operation of Eng.	C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45. M.F.E. 1933, Secs. 20-22.
	TACTICS	
11–90	*Practical Tactics*— To be conducted practically by Tactical Exercises—covering the same scope as, and based upon, the tactical instruction given in preparation for the 2nd examination paper.	
	NOTE 2.—Maintenance and inspection duties will be covered practically, before, during and after training parades as occasions offer.	
	NOTE 3.—"Co-operation with all arms" will be taught and discussed in connection with the exercises.	

CAVALRY (Armoured Cars)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1- 8	Sqn. and Regt. Drill (Mounted)..	C.T. (Mech.) 1937, Pa. 1, Sec. 4.
	NOTE 1.—During periods 11-90, whenever possible, further practice and instruction will be given.	
	OBSTACLES	
9-10	Obstacles—negotiation, etc., and the co-operation of Eng.	C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45. M.F.E. 1933, Secs. 20-22.
	TACTICS	
11-90	To be conducted practically by Tactical Exercises which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R. 1929.
	A(ii) Intercomm. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Mech.) 1937, Pa. 1, Chap. III and Sec. 44. C.T. (Horsed) 1937, Sec. 161.
	(iii) Orders, Messages and Reports (compilation, Collection, collation, and transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935. Sec. 35 and Appx. IV.
	(iv) Defence against Gas.....	D.A.G. 1935. F.S.R. 11, 1935, Sec. 40.
	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI and Sec. 174. C.T. (Mech.) 1937, Pa. 1, Chap.III. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. VI, VIII.
	3A(vi) Protection—On the move and at Rest. Escort to Convoys.	F.S.R. II, 1935, Chap. V. C.T. (Mech.) 1937, Pa. 1, Chap.IV.
	(vii) Attack and Defence (incl. vs. A.F.V.)	C.T. (Mech. 1937, Pa. 1, Chap. V and Sec. 34. C.T. (Horsed) 1937, Sec. 141.
	(viii) Special Missions and other operations.	C.T. (Mech.) 1937, Pa. 1, Chap. VI.
	(ix) Organization and Adm. in the field (practical problems as they arise).	
	(x) Appreciations.....	F.S.R. II, 1935, Secs. 11 and 12. Trg. Regs. 1934, Sec. 22.
	(xi) Preparing and conducting a Tactical Exercise.	Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M. 1934, Appx. III.

Period	Detail	Reference
	TACTICS—*con.*	
11-90 *(Con.)*	(xii) Fd. Eng.—Passage of obstacles—road blocks and obstacles. NOTE 2.—"Co-operation with all arms" will be taught and discussed in connection with the exercises. NOTE 3.—Maintenance will be covered practically, before, during and after training parades as occasions offer.	M.F.E. I, 1933, Sec. 23 and Pl. 13 A, B. C, 60, 61. F.S.R. II, 1935, Appx. VIII, Sec. 5. C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45.

CAVALRY (Mechanized)

2nd Lieutenant to Lieutenant.

In preparation for 2nd Examination paper

Period	Detail	Reference
	DRILL	
1- 2	Troop Drill (Dismounted).....	C.T. (Horsed) 1937, Secs. 33-42.
3	Crew Drill.....	T.T. I, 1930, Chap. V.
4- 6	Mounted Drill (taught dismounted at this stage).	T.T. I, 1930, Secs. 29-34, 53-59.
	SMALL ARMS TRAINING	
7- 9	Judging Distance.....	S.A.T. I, Pa. 2 (1937) Lesson9-12.
10-11	Visual Training.....	" " 1-2.
12-14	Recognition.....	" " 5, 7, 8.
15-16	Fire Control.....	" " 13-15.
	ORGANIZATION AND TRAINING	
17	Organization of Own Unit—Peace and War, and Trg. Orgn. at Camps.	Appx. to G.O. 50 of 1938. Militia Orders for Current Year.
18	Unit Weapons.....	F.S.R. II, 1935, Appx. I.
19	Messages.....	C.S.L. Sec. 48. C.T. (Mech.) Pa. 1, 1937, Sec. 15. F.S.R. II, 1935, Secs. 31, 34, 36 and Appx. IV.
20	Medical and Repair arrangements in the field—Troop aspect.	C.T. (Mech.) Pa. 1, 1937, Appx. (generally). C.T. (Horsed) 1937, Sec. 5 (IV).
21	Supply—Petrol, Supplies, Stores and Ammunition.	C.T. (Horsed) 1937, Chap. XVII. C.T. (Mech.) 1937, Pa. 1, Appx.
22	Marches.....	C.T. (Mech.) 1937, Pa. 1, Chap.IX. F.S.R. II, 1935, Secs. 21-23, 25, 28, 79, Appx. I.
	TACTICS	
23–45	To be taught by Lectures and Tactical Exercises (Canvas Model or Sand Table) which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R. 1929.
	(ii) Intercom. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Mech.) 1937, Pa. 1, Chap. III and Sec. 44. C.T. (Horsed) 1937, Sec. 161.
	(iii) Orders, Messages and Reports (compilation, collection, collation, and transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935. Sec. 35 and Appx. IV.
	(iv) Defence against Gas.....	D.A.G. 1935. F.S. R. 1935, Sec. 40

Period	Detail	Reference
	TACTICS—*con.*	
23–45 *(Con.)*	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI and Sec. 175. C.T. (Mech.) 1937, Pa. 1, Chap. III. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. VI, VIII.
	(vi) Protection—On the move and at Rest. Escort to Convoys.	F.S.R. II, 1935, Chap. V. C.T. (Mech.) 1937, Pa. 1, Chap. IV. C.T. (Horsed) 1937, Chap. VII, XII.
	(vii) Attack and Defence (incl. vs. A.F.V.)	F.S.R. II, 1935, Secs. 55-60. C.T. (Mech.) 1937, Pa. 1, Chap. V and Sec. 34. C.T. (Horsed) 1937, Sec. 141.
	(viii) Special Missions and other operations.	C.T. (Mech.) 1937, Pa. 1, Chap. VI.
	(ix) Organization and Adm. in the field (practical problems as they arise).	
	(x) Appreciations.....	F.S.R. II, 1935, Secs. 11 and 12. Trg. Regs. 1934, Sec. 22.
	(xi) Preparing and conducting a Tactical Exercise.	Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M. 1934, Appx. III.
	(xii) Fd. Eng.—Passage of obstacles—road blocks and obstacles.	M.F.E. I, 1933, Sec. 23 and Pl. 13 A, B, C, 60, 61. F.S.R. II, 1935, Appx. VIII, Sec. 5. C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45.
	NOTE.—"Co-operation with all arms" will be taught and discussed in connection with the exercises.	

CAVALRY (Mechanized)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1– 8	Crew Drill, Signals, Mounted drill. NOTE. 1.—During periods 17-90, whenever possible, further practice and instruction will be given.	T.T. I 1930, Chap. V, VI and Appx. I, II.
	SMALL ARMS TRAINING	
9–16	(i) *V.M.G.*— General, Stripping, Mechanism, Stoppages, Maintenance-gunnery. Points before, during and after firing, General handling. (ii) *A/T. Rifle*— As above, where applicable.....	Handbook as applicable. S.A.T. I, 1937, Pa. 5.
	TACTICS	
17–90	*Practical Tactics*— To be conducted practically by Tactical Exercises—covering the same scope as, and based upon, the tactical instruction given in preparation for the 2nd examination paper. NOTE 2.—Maintenance will be covered practically, before, during and after training parades as occasions offer. NOTE 3.—"Co-operation with all arms" will be taught and discussed in connection with the exercise.	

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CAVALRY (Mechanized)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	DRILL	
1- 2	Sqn. Drill (dismounted).....	C.T. (Horsed) 1937, Secs. 60-68.
3- 6	Mounted drill (taught dismounted at this stage).	T.T. I 1930, Secs. 53-59.
	SMALL ARMS TRAINING	
7	Annual S.A.T. Programmes, Courses and Returns; Badges and Prizes.	Memo. on Trg. C.M., 1934. P. & A. Regs. 1937, Art. 166.
	ORGANIZATION AND TRAINING	
8	Organization of own Unit—Peace and War, and Trg. Org. at Camps.	App. to G.O. 50 of 1938.
9	Training and Trg. Programmes...	Memo. on Trg. C.M., 1934. C.T. (Mech.) 1937, Pa. 1, Sec. 5. C.T. (Horsed) 1937, Chap. IV.
10	Messages.....	C.S.L. 1934, Sec. 48. C.T. (Mech.) 1937, Pa. 1, Sec. 15. F.S.R. II, 1935, Secs. 31, 34, 36 and Appx. IV.
11	Medical and Repair arrangements in the field—Sqn. aspect.	C.T. (Horsed) 1937, Sec. 5 (iv). C.T. (Mech.) 1937, Pa. 1, Sec. 8 and Appx.
12	Supply—Petrol, supplies, stores and ammunition.	C.T. (Horsed) 1937, Chap. XVII. C.T. (Mech.) 1937, Pa. 1, Appx.
13	Inspection of Vehicles, Equipment and Tools.	Maintenance Handbook for M.Vs. 1930, Sec. III. N.D.F.C. 750, 787, 788, 792, 763. M.F.C. 746. N.D. 96.
14	Marches.....	C.T. (Mech.) 1937, Pa. 1, Chap.IX. F.S.R. II, 1935, Secs. 21-23, 25, 79, Appx. I.
	TACTICS	
15-45	To be taught by Lectures and Tactical Exercises (Canvas Model or Sand Table) which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R. 1929.
	(ii) Intercom. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Mech.) 1937, Pa. 1, Chap. III and Sec. 44. C.T. (Horsed) 1937, Sec. 161.
	(iii) Orders, Messages and Reports (compilation, collation, and transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935, Sec. 35 and Appx. IV.

CAVALRY (Mechanized)

Lieutenant to Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS—*con.*	
15-45	(iv) Defence against Gas.....	D.A.G. 1935. F.S.R. 1935, Sec. 40.
	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI and Sec. 175. C.T. (Mech.) 1937, Pa. 1, Chap. III. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. VI, VIII.
	(vi) Protection—On the move and at Rest. Escort to Convoys.	F.S.R. II, 1935, Chap. V. C.T. (Mech.) 1937, Pa. 1, Chap. IV. C.T. (Horsed) 1937, Chap. VII, XII.
	(vii) Attack and Defence (incl. vs. A.F.V.)	F.S.R. II, 1935, Secs. 55-60. C.T. (Mech.) 1937, Pa. 1, Chap. V and Sec. 34. C.T. (Horsed) 1937, Sec. 141.
	(viii) Special Missions and other operations.	C.T. (Mech.) 1937, Pa. 1, Chap. VI.
	(ix) Organization and Adm. in the field (practical problems as they arise).	
	(x) Appreciations.....	F.S.R. II, 1935, Secs. 11 and 12. Trg. Regs. 1934, Sec. 22.
	(xi) Preparing and conducting a Tactical Exercise.	Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M. 1934, Appx. III.
	(xii) Fd. Eng.—Passage of obstacles—road blocks and obstacles.	M.F.E. I, 1933, Sec. 23 and Pl. 13 A, B, C, 60, 61. F.S.R. II, 1935, Appx. VIII, Sec. 5. C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45.
	NOTE.—"Co-operation with all arms" will be taught and discussed in connection with the exercises.	

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CAVALRY (Mechanized)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1–8	Sqn. Drill (Mounted).....	T.T. I 1930, Secs. 35-38, 53-60.
	NOTE 1.—During periods 11-90 whenever possible, further practice and instruction will be given.	
	OBSTACLES	
9–10	Obstacles—negotiation, etc., and the co-operation of Eng.	C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45. M.F.E. 1933, Secs. 20-22.
	TACTICS	
11–90	*Practical Tactics*— To be conducted practically by Tactical Exercises—covering the same scope as, and based upon, the tactical instruction given in preparation for the 2nd examination paper.	
	NOTE 2.—Maintenance will be covered practically, before, during and after training parades as occasions offer.	
	NOTE 3.—"Co-operation with all arms" will be taught and discussed in connection with the exercises.	

CAVALRY (Mechanized)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1- 8	Sqn. and Regtl. Drill (Mounted)..	T.T. I 1930, Chap. III and Secs. 53-60.
	NOTE 1.—During periods 11-90, whenever possible, further practice and instruction will be given.	
	OBSTACLES	
9–10	Obstacles—negotiation, etc., and the co-operation of Eng.	C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45. M.F.E. 1933, Secs. 20-22.
	TACTICS	
11–90	To be conducted practically by Tactical Exercises which will include instruction in the following:—	*(Suggested references)*
	(i) Map Reading and use of compass, day and night.	Notes on M.R. 1929.
	(ii) Intercomm. within the Sqn. and Regt., and with the air.	F.S.R. II, 1935, Secs. 16-20. C.T. (Mech.) 1937, Pa. 1, Chap. III and Sec. 44. C.T. (Horsed) 1937, Sec. 161.
	(iii) Orders, Messages and Reports (compilation, Collection, Collation, and Transmission).	C.T. (Horsed) 1937, Sec. 90. C.S.L. 1934, Chap. IX. F.S.R. II, 1935. Sec. 35 and App. IV.
	(iv) Defence against Gas.....	D.A.G. 1935. F.S.R. II, 1935, Sec. 40.
	(v) Reconnaissance — Topographical (roads and rivers, etc.). Resources (billetting and supplies, etc.). Movements and dispositions of the enemy.	C.T. (Horsed) 1937, Chap. VI and Sec. 175. C.T. (Mech.) 1937, Pa. 1, Chap.III. F.S.R. II, 1935, Chap. IV. C.S.L. 1934, Chap. V, VIII.
	(vi) Protection—On the move and at Rest. Escort to Convoys.	F.S.R. II, 1935, Chap. V. C.T. (Mech.) 1937, Pa. 1, Chap. IV. C.T. (Horsed) 1937, Chap. VII and XII.
	(vii) Attack and Defence (incl. vs. A.F.V.)	F.S.R. II, 1935, Secs. 55-60. C.T. (Mech.) 1937, Pa. 1, Chap. V and Sec. 34. C.T. (Horsed) 1937, Sec. 141.
	(viii) Special Missions and other operations.	C.T. (Mech.) 1937, Pa. 1, Chap. VI.
	(ix) Organization and Adm. in the field (practical problems as they arise).	
	(x) Appreciations...	F.S.R. II, 1935, Secs. 11 and 12. Trg. Regs. 1934, Sec. 22.

Period	Detail	Reference
	TACTICS—*con.*	
11-90	(xi) Preparing and conducting a Tactical Exercise.	Trg. Regs. 1934, Chap. III. Memo. on Trg. C.M. 1934, Appx. III.
	(xii) Fd. Eng.—Passage of obstacles—road blocks and obstacles.	M.F.E. I, 1933, Sec. 23 and Pl. 13 A, B. C, 60, 61. F.S.R. II, 1935, Appx. VIII, Sec. 5. C.T. (Mech.) 1937, Pa. 1, Secs. 35, 45.
	NOTE 2.—"Co-operation with all arms" will be taught and discussed with the exercises.	
	NOTE 3.—Maintenance will be covered practically, before, during and after training parades as occasions offer.	

ARTILLERY (Mobile)

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	GUNNERY	
1	Elementary theory	A.T. Vol. II, Chap. I.
2	" "	" " I.
3	Time Shrapnel	" " III.
4	Laying, Practical Demonstration.	" " IV.
5	Preparation at battery before opening fire.	" " V.
6	Duties of G.P.O.	" " V.
7	Occupations of positions by night.	" App. VI.
8	Practical—Director, Arty. Board.	" " I.
9	Preparation at O.P. before opening fire.	" Chap. VI.
10	Practical—Panoramas, Target Records, Arty. Board.	" " VI.
11	Range tables, explanation and use.	" " VII.
12	Fire discipline	" " VIII.
13	Ranging	" " VIII.
14	Engagement of targets	" " IX.
15	Observation of Fire	
16	Miniature Range	
17	" "	
18	Predicted shooting	" " X.
19	" "	" " X.
20	" "	" " X.
21	" "	" " X.
22	Correction of moment	" " X.
23	Co-operation with R.A.F.	" " XII.
24	" "	" " XII.
25	F.O.O. Procedure	" " XIII.
26	Brigade Control	" " XV.
27	Miniature Range	
28	" "	
	BATTERY TACTICS	
29	Mounted Drill	A.T. Vol. I, Chap. III.
30	Definitions, Organization of bty. for Manoeuvre.	
31	Recco. and Occupation of Position	" " VI.
32†	" " "	" " VI.
33†	" " "	" " VI.
	MAINTENANCE OF MECHANICAL TRANSPORT	
34	1st, 2nd, 3rd Line Repairs, Responsibility of Officers, N.C.Os.	R.A.S.C. Training Pt. IV C. 1925.
35	Inspections, Weekly, Monthly, Records Nos. 1 and Section Commanders.	
36	Practical—Attendance at P.F. maintenance hour.	

†With sand table demonstrations.

ARTILLERY (Mobile)

2nd Lieutenant to Lieutenant—Con.

In preparation for 2nd Examinatian paper

Period	Detail	Reference
	ATRILLERY MATERIAL	
37	The gun or howitzer— Trail, Axle Tree, Wheels, Cradle, Carriage body, Clamping gears	Handbook of the Equipment.
38	Traversing, Elevating, Range and Brake gears.	" "
39	Practical—Dismantling Breach Mechanism, Firing Gear.	" "
40	Recoil system, Practical tests....	" "
41	Sights.....	" "
42	Practical—Sight tests.....	" "
43	Ammunition, Components, Care, Shells, Cartridges, Markings.	" "
44	Fuzes.....	" "
45	"	" "

ARTILLERY (Mobile)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	FOOT DRILL	
1– 4	Battery foot drill	A.T. Vol. I, Secs. 28-31.
	MOUNTED DRILL	
5	Review, drill with models	A.T. Vol. I, Chap. III.
6– 7	Mounted drill with dummies	
8–11	Mounted parade	
	GUN DRILL	
12–21	Standing gun drill	Gun Drill pamphlet.
22–36	Battery gun drill	A.T. Vol. II, Chap. V, VI.
	G. P. OS. DUTIES	
37–39	Director work	A.T. Vol. II, App. 1.
40–43	Artillery board work	A.T. Vol. II, Chap. VI, Secs. 30, 43ii, 73, 76.
44–50	Practical survey	A.T. Vol. IV, Chap. X.
	DEFENCE AGAINST GAS	
54	Respirator drill	Defence against gas.
55–56	Drill in Respirators	
57	Decontamination practice	
	MAINTENANCE OF M.T.	
58–61	Attendance at Maintenance hours	R.A.S.C. training Pt. IV C., 1925.
	BATTERY TACTICS	
62–66	Review, A.T. Vol. I, Chap. VI	A.T. Vol. I, Chap. VI.
67–75	Battery tactics—skeleton	
76–90	Battery tactics—mounted	

ARTILLERY (Mobile)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	ARTILLERY MATERIAL—EQUIPMENT	
1	Principles of construction, guns and howitzers generally.	Handbook of equipment.
2	Mobile carriages generally, basic structure, superstructure.	" "
3	Elevating, transversing and firing gears.	" "
4	Sights and sighting	" "
5	Recoil and recuperation	" "
6	Examination of Ordnance, care and preservation, etc.	Regs. for care and Preservation of Arty. equipment.
7	Breech mechanisms	Handbook of equipment.
	ARTILLERY MATERIAL—AMMUNITION	
8	Discussion, propellants, cartridges, initiating agents, primers, tubes and charges, high explosives.	Handbook of equipment. A.T. Vol. II, Chap. II.
9–10	Grouping and marking, sorting and care of ammunition in the Field.	A.T. Vol. III. War establishments.
	GUNNERY (Theoretical)	
11	Review—preparation at the battery prior to opening fire. Preparation at the O.P. prior to opening fire.	A.T. Vol. II, Chap. V and VI.
12	Range tables and problems	R.T. Pts. I and II.
13	Review—Ranging and Engagement of targets.	A.T. Vol. II, Chap. VIII.
14	Miniature Range	" " VIII and IX.
15	Predicted Shooting	" " X.
16	Predicted Shooting	" " X.
17	Review—Co-operation with Air Force.	" " XV.
18	Calibration	" " XIV.
19	Brigade control of fire	" " XV.
20	Brigade control of fire	" " XV.
21	F.O.O. procedure	" " XVIII.
22	Miniature Range	" " VIII and IX.
23	Miniature Range	" " VIII and IX.
24	Programme shoots	" " XI.
25	Battery training	A.T. Vol. I, Secs. 3-10. Memo on Training, C.M., Secs. 1-6.
	STORE ACCOUNTING	
26	Use of documents with examples.	
27	Preparation of C.I.Vs., C.R.Vs., C.D.Vs., C.C.Vs. and indents.	Special Precis.
28	Opening, posting, closing accounts.	"

ARTILLERY (Mobile)

Lieutenant and Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS (Theoretical and Practical)	
29	Battery tactics—review—recce and occupation of positions.	A.T. Vol. I, Chap. VI.
30	Discussion—change of position....	" " VI.
31	Discussion—Battery in advance and withdrawal.	" " VI.
32	Discussion—Brigade leading, brigade in advance.	" " VI.
33	T.E.W.T.—Brigade in advance...	" " VI.
34	T.E.W.T.—Brigade in advance....	" " VI.
35	Discussion—Brigade in defence and withdrawal.	" " VI.
36	T.E.W.T.—Brigade in defence and withdrawal.	" " VI.
37	T.E.W.T.—Brigade in defence and withdrawal.	" " VI.
38	Preparation of an example for battery training.	Training Regs. Secs. 39-42.
39–40	T.E.W.T.—Battery tactics.....	A. T. Vol. I, Secs. 9-10.
41–42	T.E.W.T.—Counter-battery in defence and attack.	A.T. Vol. III, Chap. XII.
43–44	T.E.W.T.—Counter battery in defence and withdrawal.	" " XII.
45	Recapitulation.....	

ARTILLERY (Mobile)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
1	Field Defences.....	Precis.
2	"	"
3	"	"
4	Defence Against Gas.....	Manual—Defence against gas, 1937.
	DRILL	
5	Battery foot drill.....	A.T. Vol. I, Secs. 28-31.
6- 8	Gun drill.....	" II, Chap. VII. Gun.
9–14	Battery gun drill.....	Drill pamphlet.
15–20	Mounted Parade—Mounted drill..	
	GUNNERY	
21	Ranging and engagement of targets	A.T. Vol. II, Chap. VIII.
22	Co-operation with Air Force.....	" " XV.
23–32	Preparation at Battery and O.P. prior to opening fire.	" " VI.
	Survey problems.....	" " X.
	Brigade control of fire.....	" " XV.
	F.O.O. procedure.....	" " XIII.
33–41	Ranging and engagement of targets	" " VIII.
	TACTICS	
42	Demonstration—Sand table.....	
43–45	Battery tactics (skeleton).....	A.T. Vol. I, Chap. VI.
46–50	Battery tactics (Mounted).....	" "
51	Brigade in advance and attack...	" "
52	Brigade in defence and withdrawal	" "
53–59	Brigade tactics—Mounted parade (skeleton).	" "
60	Lectures—Protection.....	F.S.R. Vol. I, Chap. VI.
61–62	" Attack.....	A.T. Vol. I, Chap. VI.
63–64	" Defence.....	A.T. Vol. III, Chap. XI.
65–70	T.E.W.T.—Attack by Bn. supported by one Fd. Bde. Generally.	I.T. Vol. II, Secs. 9, 10, 12 and 15.
71–75	T.E.W.T.—"Defence and Withdrawal" Bn. and Fd. Bde. in defence and withdrawal.	F.S.R. Vol. II, Chap. VIII. A.T. Vol. I, Chap. VI. A.T. Vol. III, Chap. III. I.T. Vol. II, Secs. 19-20, 22 and 26.
76–81	Counter battery in attack and defence.	A.T. Vol. III, Chap. XIII.
82–84	Preparation of an exercise for Bty. training.	A.T. Vol. I, Secs. 9-10 and Chap. VI.
85–87	Care and Maintenance of M.T. Vehicles.	Precis.
88–90	Camouflage.....	Pamphlet on Concealment and Camouflage, 1937.

ARTILLERY (Mobile)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
	GENERAL	
1	Field Engineering. Demonstration construction gun pits and O.P.	
2– 3	Anti Gas, Lecture—demonstration	Defence against Gas.
	DRILL	
4– 5	Battery gun drill	A.T. II, Chap. VII. Gun Drills.
	TECHNICAL	
6– 7	Gunnery—lectures	
8–10	Miniature Range	A.T. II, Chap. VIII and IX.
11–12	Survey problems	" " X.
13–15	Counter Battery exercises	A.T. III, Chap. XII.
16–27	Ranging and engagement of targets by observed shooting. Observation of fire ranging and engagement of targets with aeroplane co-operation.	A.T. II, Chap. VIII. " " IX. " " XII.
	TACTICS	
28–32	Battery tactics—mounted	A.T. I, Chap. VI.
33–41	Brigade tactics—skeleton brigade.	" "
42	Discussion—Command. Appreciations.	F.S.R. II, 11, 12, 13. A.T. III. Chap. I I.T. 1937, Chap. Trg. Regs. 22.
43	" Recce. Information.	F.S.R. II, Chap. IV, A.T. III. Chap. VIII.
44	" Protection	F.S.R. II, Chap. V. A.T. III, Chap. I. I.T. Chap.
45	" Attack	F.S.R. II, Chap. VI. A.T. III, Chap. II. I.T. Chap.
46	" Defence	F.S.R. II, Chap. VII. A.T. III, Chap. III. I.T. Chap.
47	" Orders and Messages.	F.S.R. II, 14-19. A.T. III, Chap. XI.
	T.E.W.T. All deal with Inf. Bde. recce and plan, action of Inf. rifle and M.G. Bn., action of Fd. Bde. Admn. problems.	
48	Adv. Gd. Sand table	F.S.R. II, 41-45. A.T. III, 46.
49–50	" out of doors	" "
51	Flank Gd. sand table	F.S.R. II, 46. A.T. III, 47.
52–53	Outposts sand table	F.S.R. II, 51-52. A.T. III, 49.
54–55	Rear Gd. sand table	F.S.R. II, 47-50. A.T. III, 48. I.T., Chap.
56–59	" out of doors	" "

ARTILLERY (Mobile)

Captain to Major—Con.

In preparation for Practical Examination

Period	Detail	Reference
	TACTICS—*con.*	
60–63	Attack sand table	F.S.R. II, Chap. VI. A.T. III, Chap. II. I.T. Chap.
64–72	" out of doors	" "
73–76	Defence (incl. outposts) sand table.	F.S.R. II, Chap. VII. A.T. III, Chap. III. I.T. Chap.
77–85	" " out of doors	" "
86–90	Training—Discussions	F.S.R. II, VIII. Trg. Regs. Chs. I-IV generally.
	" Programme	
	" Specialists	
	" Unit training	
	" Exercises	

ARTILLERY (Coast Defence)

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS SPECIAL TO C.D. ARTILLERY AND CO-OPERATION OF ALL ARMS	
1 to 2	Organization of a Fortress and duties of Arms and Services. Generally.	C.A.T. Vol. I, 1932. Chap. I, Secs. 1, 2, 3, 7, 8, 9. Chap. V.
3	Co-operation with other Arms in a Fortress. Generally.	Chap. VI.
4 to 5	Distribution of Fire Scheme. Generally.	Chap. VII, Sec. 86. Chap. VIII, Sec. 96.
6	Fighting a Counter-Bombardment Action. Generally.	Chap. VII.
	Fighting a Close Defence Action. Generally.	Chap. VIII.
	ORGANIZATION SPECIAL TO ARTILLERY	
7	Organization of a C.D. Battery in Peace.	General Orders.
8	Distribution of a Battery in Forts, etc., in Peace.	Precis.
9 to 10	Artillery Organization of a Fortress. Generally.	C.A.T. Vol. I, 1932. Chap. VI.
11	Organization of a C.D. Battery in War.	Precis.
12	Command and administration, and duties in a Fort—War.	Precis.
	TECHNICAL SUBJECTS SPECIAL TO ARM	
13 to 18	Ammunition.	
	Tubes	
	Igniters	Handbook of the Equipment.
	Cartridges	
	Projectiles	
	Fuzes	
19 to 24	Equipment.	
	Buffer and Recuperator	Handbook of the Gun.
	Care of Equipment	" "
	Theory of Sights	C.A.T. I, Chap. XI, Secs. 135, etc.
	Theory of C.D. Range-Finding. Generally.	" " IX.
	Miscellaneous Coast Arty. Instruments.	Handbook of Arty. Instruments and Range Finders, Part I, 1933.
25 to 39	Gunnery.	
	Definitions	C.A.T. I, Page. 1.
	Ballistics. Generally	" Chap. XI.
	Gunnery Calculations:	
	Close Defence Guns	" " XIV.
	Counter-Bombardment Guns.	" " XIII.

Period	Detail	Reference
	TECHNICAL SUBJECTS SPECIAL TO ARM—*con.*	
25 to 39	Gunnery—*Con.*	
	Range Tables and Initial Corrections.	C.A.T.I, Chap. XVI.
	Co-operation with Aircraft. Generally.	" " XIX.
	The Slide Rule.....	" Appendix V.
40 to 43	Elementary Electricity.	
	Care and preservation of Electrical Equipment.	Notes on Electricity, 1926.
	Cells and Batteries.....	
	Use of Voltmeters, etc.....	
44 to 45	Training.	
	Training Programme for the Bty.	Memo. on Training of the Can. Militia, 1934. App. VIIIA.
	Training Layers.....	C.A.T. Vol. I, Chap. II Gen.
	Training Range Finders.....	" Appendix I.
		" Appendix II.
	Organization of Sports and Games.	Sports and Games in the Army, 1932-33.

ARTILLERY (C.D.)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination.

Period	Detail	Reference
1- 3	Magazine conditions and Preparation of Ammunition. Identification of Material..... Sorting and Grouping. Care of Ammunition.	 Magazine Regns. 1922. R.A.O.S. Pt. II. Pamphlets.
4–33	Gun Drills and Laying.....	C.A.T. Vol. I, 1932. Chap. XV. Gun Drill Pamphlets of the Guns.
34–39	Range Finding..... D.R.F. D.P.F. B. & S.	Drill and Coast Arty. Range Finders, 1932.
40–53	Moving and Mounting Ordnance.. Material and Machines.	C.A.T. Vol. II, Part I.
54	Camouflage.	Pamphlet on Concealment and Camouflage, 1937.
55–61	Compilation of B.C's Correction Form, etc., and Fighting a Close Defence Action, and Section Comdr's Duties Counter-Bombardment.	
	Fighting a C.B. Action—Gen...	C.A.T. Vol. I, 1932, Chap. VII.
	Fighting a C.D. Action.....	C.A.T., Vol. I, Chap. VIII. Chap. XVI, Sec. 195.
	Ranging C.D. Guns.....	C.A.T. Vol. I, 1932, Appendix VI. " Chap. XVII, Secs. 200 and 201.
62–65	Foot and Arm Drill.....	A.T. Vol. I, 1932. Sec. 14 et seq. " Sec. 28 et seq.
66–70	Machine Gun—Vickers Maxim.... General Description. Stoppages. Care and Cleaning.	Handbook for the Gun.
71	Anti-Gas..... Individual and Collective Protection. Respirators worn during drill, etc.	Defence Against Gas, 1935. N.D.H.Q. Precis.
72	Manning Detail for Battery..... Manning Parade Procedure.	C.A.T. Vol. I, 1932. Chap. XV.
73–78	Equipment..... Sights. Breach Mechanisms. Carriages. Elevating Gears. Traversing Gears. Firing Gear. Miscellaneous Stores.	Handbook of the Gun.
79–80	Firing Practice—Machine Gun.	
81–90	Firing Practice—Fixed Armament.	

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ARTILLERY (C.D.)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS SPECIAL TO C.D. ARTILLERY AND CO-OPERATION OF ALL ARMS	
1	The Coast Defence Problem	Mil. Engineering, Vol. II, 1937, Chap. IX.
2	Form of possible attack on the Fortress.	Mil. Engineering, Vol. II, 1937, Chap. X.
3	Artillery Information	Precis.
4– 5	Fixed defences and organization. Generally.	Mil. Engineering, Vol. II, 1937. Chap. XII.
6	Co-operation with other Arms	C.A.T. Vol. I, 1932. Chap. V.
7	Information in Fort Record and Fighting Books.	C.A.T. Vol. I, 1932. Chap. I, Secs. 4 and 6.
	ORGANIZATION AND ADMINISTRATION	
8–10	Forms of defence and their organization.	Mil. Engineering, Vol. II, 1937, Chap. XI.
11	Ammunition Supply in a Fortress.	Precis.
12	Supplies other than Ammunition in a Fortress.	"
13	Evacuation of wounded	"
	Replenishment of casualties to personnel and equipment.	"
14	Fortress communications	Mil. Engineering, Vol. II, 1937, Sec. 116.
	FIELD ENGINEERING	
15	Machine Gun Emplacements	Mil. Engineering, Vol. II, 1937, Chap. III, Sec. 11.
	TECHNICAL SUBJECTS SPECIAL TO COAST DEFENCE ARTILLERY	
16 to 19	Ammunition (Review as for Lieuts.). Ammunition—generally.	Handbook of the Gun.
20 to 22	Equipment (Review as for Lieuts.). Accumulator System.	Handbook of the Gun.
	Theory of Range Finding	Manual of C.D. Range Finding, Pt. I, Chaps. I and II. Pt. III, Chap. I.
23 to 41	Gunnery.	
	Theory of Gunnery	C.A.T., Vol. I, Pt. IV.
	Co-operation by Aircraft	" Chap. XIX.
	Calibration, Theory	" Chap. XX.
42 to 44	Elementary Electricity (Review as for Lieuts.).	Notes on Electricity, 1926.
	Circuit of D.P.F. Principles of Electric Dials	Precis.
45	Training	C.A.T. Vol. I, Chaps. II and III.
	Programme for Battery	Memo. on Training of the Can. Militia, Secs. 1-7, 11, 14, and Appendix VIIIA.
	Organization of Sports and Games.	Games and Sports in the Army, 1932-1933.

ARTILLERY (C.D.)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	PRACTICAL	
1 to 5	Calibration..... Compiling Forms. Use of Instruments.	C.A.T., Vol. I, Chap. XX.
6 to 20	Gun Drills and Range Finding (Review as for Lieuts.) Instruments of the Fortress System. (Where available.)	Handbook of Arty. Instruments and Range Finders. Pamphlets, etc.
21 to 31	Moving and Mounting. Fixed Ordnance. Moving Ordnance..... Sheers and Derricks—Generally	 C.A.T. Vol. II, 1933, Pt. II. " " Pt. III.
32	Camouflage.	Pamphlet on Concealment and Camouflage, 1937.
33 to 37	Fighting a Counter Bombardment Action. Ranging.....	C.A.T. Vol. I, Chap. VII. Precis. C.A.T. Vol. I, Chap. XVII.
38 to 42	Co-operation with Aircraft.....	" Chap. XIX.
43 to 44	Machine Gun—Vickers Maxim (Review as for Lieuts.) Application of Fire.	S.A.T. Vol. III, Chaps. VII, VIII and IX (generally).
45	Anti-Gas. Respirators worn during drill.. Firing carried out under gas conditions.	 Defence Against Gas, 1935. Precis.
46 to 50	Foot and Arm Drill.....	A.T. Vol. II, 1932. Review Secs. 14 et seq. Sec. 28 et seq. Sec. 72 et seq.
51 to 52	Manning Details. For a Fire Command.....	 Precis.
53 to 55	Magazine Conditions and Preparation of Ammunition. (Review as for Lieuts.)	Magazine Regulations, 1922. R.A.O.S. Pt. II, Pamphlets.
56 to 58	Store Accounting..... Preparation of Indents and Vouchers. Opening, Posting and Closing an Account.	Precis.
59 to 68	Sand Tables Exercises.	
69 to 70	Firing Practice—Machine Gun.	
71 to 90	Firing Practices— Fixed Armament.	

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ARTILLERY (C.D.)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
1–90	Practical exercises involving the following:—	
	Duties in regard to personnel and material on Mobilization. (Local Instructions.)	Precis. Mobilization Regns.
	Ammunition supply, routes, etc., in the Fortress. (Local Instructions.)	Precis.
	Communications	Mil. Eng. Vol. II, 1937, Sec. 116. Precis.
	Messages and Reports in the Fortress.	"
	Examination Service	"
	Landward Firing	Mil. Eng. Vol. II, 1937, Sec. 97.
	Co-operation with other Arms and Services.	
	Defence Schemes.	
	Compilation of Fort Record and Fighting Books.	C.A.T. Vol. I, Secs. 4, 6. M.E., Vol. II, 1937, Sec. 121 (3). Precis.
	Compilation of Practice Reports	Instructions for Practice Seawards, R.C.A. 1931, Pt. III.

ARTILLERY (A.A.)

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS SPECIAL TO A.A. ARTILLERY AND CO-OPERATION WITH OTHER ARMS	
1	Siting A.A. Batteries. Gen.....	Manual of A.A. Defence, Vol. II 1929, Chap. II, Sec. 6.
2- 4	Reconnaissance and Occupation of Positions.	Manual of A.A. Defence, Vol. I, 1937, Chap. XIV.
5- 6	Identification of Aircraft.....	Manual of A.A. Defence, Vol. I, 1937, Chap. XV.
7- 8	Employment of A.A. Artillery, Generally.	Manual of A.A. Defence, Vol. II, 1929, Chap. II.
	ORGANIZATION SPECIAL TO A.A. ARTILLERY	
9	Organization of an A.A. Battery..	Manual of A.A. Defence, Vol. II, 1929, Chap. I, Sec. 3 (2).
10	Organization of an A.A. Brigade..	Manual of A.A. Defence, Vol. II, 1929, Chap. I, Sec. 3 (2).
	TECHNICAL SUBJECTS SPECIAL TO A.A ARTILLERY	
11-12	Ammunition.....	Manual of A.A. Defence, Vol. I, Pt. I, Chap. II.
	Detailed knowledge of the unit's Ammunition.	Handbook of the Gun.
	Classification of Explosives, Primers.	
	Projectiles.	
	Fuzes. 80/44 and Comparisons.	
	Gaines.	
	Marking and Identification.	
	Care of Ammunition.	
13-23	†Equipment.....	Handbook of the various Instruments.
	Breech Mechanism.	
	Buffer and Recuperator.	
	Sights.	
	The Predictor.	
	H.F.I.	
	U.B. 2 and No. 5 Height Finder.	
	Instrument measuring Velocity, and Direction of Wind.	
	Ring Sight.	

†Only those instruments which are issued to the battery will be taught.

Period	Detail	Reference
	TECHN CAL SUBJECTS SPECIAL TO A.A. ARTILLERY—*con.*	
24–39	Gunnery.	
	Definitions	Manual of A.A. Defence, Vol. I, Pt. I, 1937, Page 7 et seq.
	Ballistics. Generally	" Chap. I.
	Characteristics of A.A. Gunnery. Generally.	" Chap. III.
	Calculation of Ballistic Data	" Chap. IV, App. 2.
	Clock Course	" Chap. VIII, Sec. 54.
	Estimation of Deflections	" Chap. VIII, Sec. 55.
	System of Fire Control	" Chap. X.
	Height Finding. Generally	" Chap. XI.
	Fire Discipline	" Chap. XIII.
	Transmission of Predictor Data to Gun.	" Chap. VII, Sec. 51.
	Calibration.	
40–43	Elementary Electricity	Notes on Electricity.
	Testing Batteries	
	Care of Electrical Equipment.	
	Transmission System A.R.L. & M. types.	Notes supplied with equipment.
44–45	Training.	
	Training Programme for the Battery.	Memo. on Training of the Can. Militia, 1934. App. IX and IXA. Generally. Secs. 1-7, 9, 11 and 14.
	Tests for specialists	Handbooks of various instruments.

ARTILLERY (A.A.)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
1- 4	Fuze Setting and Preparation of Ammunition.	Handbook of the Gun. Gun Drill Pamphlet for the Gun.
5–42	Gun Drills and Laying.....	Gun Drill Pamphlets for the Gun. Directions for the use of A.A. Instruments, Pamphlet No. 1.
	A.A. Instruments.	
	The Predictor.....	Notes on the Predictor A.A.
	The H.F.I.....	Precis.
	The U.B. 2.....	Handbook of Arty. Instruments and Range Finders, Pt. I, 1933.
	Miscellaneous A.A. Instruments.	Handbook of the Instruments Measuring Direction and Velocity of Wind.
43–47	Foot and Arm Drill.....	A.T. Vol. I, Sec. 14 et seq. " Sec. 28 et seq.
48–52	A.A. Light Machine Gun.....	M.S.S. notes on equipment, 1938. Small Arms Training, 1931. Manual of A.A. Defence, Vol. I, Pt. I, 1937, Chap. XII. Generally.
53	Anti-Gas.....	Defence Against Gas, 1935. N.D.H.Q. Precis.
	Individual and Collective protection. Respirators worn during drill, etc.	
54–68	Reconnaissance and Occupation of Positions.	A.A. Defence, Vol. I, Pt. I, 1937, Chap. XIV.
	Camouflage.....	Pamphlet on Concealment and Camouflage, 1937.
69–73	Identification of Aircraft.....	A.A. Defence, Vol. I, Pt. I, 1937, Chap. XV.
74–78	Equipment.....	Handbook of Gun.
	Breech Mechanisms, Firing Mechanism, Safety Arrangements, Body, Traversing Gear, Elevating Gear, Cradle, Buffer and Recuperator, Platform.	
79–80	Firing Practices—Light M.G.	
81–90	Firing Practices—Q.F. Guns.	

ARTILLERY (A.A.)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS SPECIAL TO A.A. ARTILLERY AND CO-OPERATION OF ALL ARMS	
1	Siting of A.A. Artillery.....	A.T. Vol. III, 1928, Sec. 51. Manual of A.A. Defence, Vol. II, 1929. Chap. II, Sec. 6 (3).
	A.A. defence lay-outs.....	Precis.
2	Reconnaissance and Occupation of Positions.	A.A. Defence, Vol. I, Pt. I, 1937. Chap. XIV.
3–4	Co-operation with other Arms and Services, and Employment of A.A. Artillery.	Manual of A.A. Defence, Vol. II, 1929, Chap. II. A.T. Vol. II, 1929, Secs. 51-53. F.S.R. Vol. II, 1935, Chap. V, Sec. 38.
	Co-operation with Searchlights....	Manual of A.A. Defence, Vol. II, Sec. 7.
	Co-operation with Signals.....	Manual of A.A. Defence, Vol. II, Sec. 8.
	Co-operation with Aircraft.....	Manual of A.A. Defence, Vol. II, Sec. 9.
5	Identification of Aircraft.....	A.A. Defence, Vol. I, Pt. I, 1937. Chap. XV.
6	Information and Intercommunication.	
	Sound Locators—and.....	Precis.
	The Organization to obtain early warning. Generally.	Manual of A.A. Defence, Vol. I, Pt. II, 1937. Chap. XI.
	Air Defence Intelligence. Generally.	Manual of A.A. Defence, Vol. I, Pt. II.
	ORGANIZATION AND ADMINISTRATION	
7	Organization of an A.A. Brigade..	Manual of A.A. Defence, Vol. II, Chap. I, Sec. 3. War Establishments.
8	Organization of an Air Defence Group (War) Generally.	Precis.
9	Supplies as affecting A.A. Artillery	Precis.
	TECHNICAL SUBJECTS SPECIAL TO ARM	
10–11	Detailed knowledge of unit's ammunition. (Review of 2nd Lt. to Lt.)	Precis.
12–20	Equipment. General knowledge of A.A. Equipment, including Predictors, etc., likely to be used. (Review of 2nd Lt. to Lt.)	Handbook of Gun and various Instruments.
	Detailed knowledge of unit's equipment.	" "

Lieutenant to Captain—Con.

In preparation for 2nd Examina ion paper

Period	Detail	Reference
	TECHNICAL SUBJECTS SPECIAL TO ARM—*con.*	
21–40	Gunnery..... (Review of 2nd Lt. to Lt.) Ballistics. In detail..... Characteristics of A.A. Gunnery. In detail. Calibration..... Determination of Present and Future Positions. Generally.. The Predictor. Generally..... Anti-Aircraft Ring Sight Telescope. Generally.	Manual of A.A. Defence, Vol. I, Part I, 1937. Chap. I. " Chap. III. " Chap. V. " Chaps. VI & VIII. " Chap. VII. " Chap. IX.
41–43	Elementary Electricity..... As necessary to understand and use Electric Dials, Voltmeters, Predictors and Telephones, etc. (Review of 2nd Lt. to Lt.) Transmission systems.	Notes on Electricity, 1926.
44–45	Training Programme for the Bty..	Memo. on Training of the Can. Militia, 1934. App. IX & IXA. Secs. 1-7, 9, 11, 14.

ARTILLERY (A.A.)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
1–15	Gun Drill and Laying	Gun Drill of the Gun. A.A. Defence, Vol. I, Pt. I, 1937. Chap. X, XIII, Apps. 4 and 5.
	Instruments	Drill pamphlets and Instruments.
16–18	Foot and Arm Drill	A.T. Vol. I, 1932. Review Secs. 14 et seq. Secs. 28 et seq. Secs. 72 et seq.
19–23	A.A. Light Machine Gun	M.S.S. notes on equipment (1938). Small Arms Training, 1931, Chap. III.
24	Anti-Gas Individual and collective protection. Respirators worn during drill, etc.	Defence Against Gas, 1935. Precis.
25–39	Reconnaissance and Occupation of Positions.	Gun Drill Pamphlet of the Gun. A.A. Defence, Vol. I, Pt. I, 1937. Chap. XIV.
	Camouflage	Notes on Concealment and Camouflage, 1937.
40–42	Identification of Aircraft	A.A. Defence, Vol. I, Pt. I, 1937. Chap. XV. Silhouettes, etc.
43–44	Store Accounting Preparation of Indents and Vouchers. Opening, Posting and Closing an Account.	Precis.
45–74	Exercises, etc., Sand Table Schemes involving Co-operation with other Arms.	
75	Firing Practice—Light M.G.	
76–90	Firing Practice—Q.F. Guns.	

ARTILLERY (A.A.)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
1–90	Exercises carried out on the ground and on the Sand Table involving:—	
	Siting of A.A. Artillery	A.T. Vol. III, 1928, Sec. 51. Manual of A.A. Defence, Vol. I, 1936, Chap. XIV.
	Co-operation of all Arms in the Field.	
	Characteristics of Fighting Troops.	F.S.R. Vol. II, 1935, Chap. I. Review.
	Advance	F.S.R. Vol. II, 1935, Secs. 41, 42, 43, 50.
	Flank Guards	F.S.R. Vol. II, 1935, Sec. 46.
	Rear Guards	F.S.R. Vol. II, 1935, Secs. 47, 48, 49.
	Outposts	F.S.R. Vol. II, 1935, Secs. 51, 52, 53.
	Protection to Convoys	F.S.R. Vol. II, 1935, Sec. 54.
	Attack	" Chap. VI.
	Defence	" Chap. VII.
	Withdrawal	" Sec. 44.
	Orders, etc	" App. IV.
	Appreciations	Training Regns, 1934, Sec. 22.
	Supplies in the Field	
	Ammunition Supply	F.S.R. Vol. I, 1930, Chap. XVII and Precis.
	Supplies and Replenishment	F.S.R. Vol. I, 1930, Chap. XIV and Precis.
	Evacuation of wounded	F.S.R. Vol. I, 1930, Chap. XV (less Secs. 127-135) and Precis.

ENGINEERS

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	ORGANIZATION	
1	General organization and duties of Engineer Units (not required in detail).	E.T. Vol. II, Secs. 42, 43, 44.
	Details of section of Field Company.	War. Estab.
	TACTICS	
2– 3	Marches and march discipline.....	E.T. Vol. II, Secs. 23, 25, 26.
	Movements and formations in the field.	
	Conduct of patrols.	
4– 6	Engineer duties in co-operation with other arms—on the march, passage of rivers, in the attack, in the defence and in a retirement.	E.T. Vol. II, Secs. 58 to 69.
7– 8	Engineer reconnaissance reports...	M.F.E. Vol. II, Chap. I. F.S.P.B.
	Messages.	Secs. 7, 8, 11, (33-60).
9–10	Exercises.	
	TRAINING	
11	Responsibility for training.....	E.T. Vol. II, Secs. 1, 2, 3, 10, 11.
	Principles of training.	
	Individual and collective training.	
	FIELD ENGINEERING	
12–16	Slopes and angles, use of cordage and wire ropes, application of power, anchorages, derricks, sheers and gyns.	M.F.E. Vol. II, Secs. 3, 4, 5, 52, 53, 54, 56, 57, 58, 59, 61, 62 to 66.
17–18	Classification of field defences.	M.F.E. Vol. I, Secs. 10, 11, 15, 16,
	Control of work.	44, 45.
	Siting trenches.....	M.F.E. Vol. II, Secs. 7, 8.
	Development of field defences.	
	Priority of work.	
19	Tracing trenches.....	M.F.E. Vol. I, Secs. 13 (2), 14, 37,
	Organization of working parties, tasks, etc.	(8), App. III.
20–21	Design and revetment of fire trenches, communication trenches, breastworks.	M.F.E. Vol. I, Secs. 33 to 38, 40, 42, 46, 52.
	M.G. Emplacements.	
	Defence of buildings.	
22–24	Cut and cover dugouts.....	M.F.E. Vol. I, Sec. 54.
	Tunnelled dugouts.	
	Strengthening of cellars.	
	Observation posts.....	M.F.E. Vol. II, Chap. V.
	Gas Curtains.	

2nd Lieutenant to Lieutenant—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	FIELD ENGINEERING—*con.*	
25–27	Clearing field of fire..... Obstacles (normal). Tank obstacles. Road blocks..... Concealment.	M.F.E. Vol. I, Sec. 18, Chap. VII. M.F.E. Vol. II, Chap. VIII.
28–30	Classification of bridges, loads.... Mobile bridging equipment. Forcing passage of river. Dry gaps. Selection of site for bridging..... Measurement of gaps. Organization for work.	M.F.E. Vol. I, Secs. 60-62. M.F.E. Vol. II, Chap. X.
31	Folding Boat Equipment.....	M.E. Vol. III, Pt. II, Pamphlet 2.
32	Small Box Girder Bridge.....	M.E. Vol. III, Pt. II, Pamphlet 5.
33–34	Improvised floating bridges..... Rafts and ferries.	M.F.E. Vol. II, Chap. XVIII.
35–36	Improvised bridges with fixed piers.	M.F.E. Vol. II, Secs. 68 to 72, 77, 78, 80.
37	Water supply.....	M.F.E. Vol. II, Secs. 127-138.
38	Roads and Tracks.....	M.F.E. Vol. I, Chap. XV. M.F.E. Vol. II, Secs. 94, 95, 97, 98, 99.
39–41	Explosives, characteristics and uses Making up, fixing and firing charges. Electrical tests.	M.F.E. Vol. II, Secs. 108-112.
42–44	Uses of demolitions, hasty and deliberate. Calculation of charges. Demolition of bridges, roads, railways, buildings. Anti-tank mines.	M.F.E. Vol. II, Secs. 107, 113 to 118.
45	Recapitulation.	

ENGINEERS

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	TACTICS	
1 to 4	Formations and Movements under fire.	
	Defence against hostile Aircraft.	
	Defence against gas.	
5 to 10	Engineer reconnaissance reports.	
	Conduct of patrols.	
	Messages.	
	FIELD ENGINEERING	
11 to 31	*Field Fortification.*—Siting, tracing, digging and revetting trenches. Clearing field of fire—Obstacles—M.G. emplacements and observation posts. Cut and cover and tunnelled dugouts—Gas curtains. Concealment of defence works—Tank obstacles and road blocks.	
32 to 59	*Bridging.*—Assault bridging—Use of folding boat equipment—Launching small box girder bridge—Improvised light floating bridges and rafts—Construction of heavy and medium trestle and crib pier bridges.	
60 to 63	*Water Supply.*—Use of water supply equipment and watering arrangements for bivouac.	
64 to 70	*Roads.*—Cross country tracks—Corduroy or plank road. Hasty road over sand.	
71 to 80	*Demolitions.*—Road craters—Anti-tank mines—Cutting steel girders and rails. Calculations for demolition of bridges.	
	DRILL AND USE OF ARMS	
81–82	Squad Drill	E.T. Vol. I, Secs. 26-35.
83–84	Rifle Exercises	E.T. Vol. I, Secs. 36-66.
85–86	Section in company drill	E.T. Vol. I, Secs. 74-82.
87	Battle drill and Field Signals	E.T. Vol. I, Secs. 84, 87-92.

2nd Lieutenant to Lieutenant—Con.

In preparation for Practical Examination

Period	Detail	Reference
	DRILL AND USE OF ARMS—*con.*	
88–90	Fire control, judging distance, application of fire, training in use of ground. Defence against gas. NOTE.—For the Sergeants' examination based on this syllabus. Questions will not be asked in— *(a)* Design of Field Engineering other than standard type designs and standard methods of improvisations. *(b)* Calculations except those using standard simple formulas. *(c)* Engineering reconnaissance reports. *(d)* Organization of working parties, etc., except such work as may be placed in their charge.	S.A.T. Vol. I, Chap. V.

ENGINEERS

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	ORGANIZATION	
1	General organization and duties of Engineer Units (not required in detail).	E.T. Vol. II, Secs. 41-45.
	Details of Divisional Engineers...	War Estab.
	ADMINISTRATION	
2	Supply of engineer stores and unit equipment.	E.T. Vol. II, Chap. IX.
	TACTICS	
3	Marches and march discipline—movements and formations in the field.	E.T. Vol. II, Secs. 23, 25.
4 to 5	Engineer duties in co-operation with other arms—on the march, passage of rivers, in the attack in the defence and in retirement.	E.T. Vol. II, Secs. 58-69, 72.
6	Engineer duties in liaison with other arms.	E.T. Vol. II, Sec. 71.
7	Engineer reconnaissance reports...	M.F.E. Vol. II, Chap. I.
8- 9	Exercises.....	
	TRAINING	
10	Responsibility for training.....	E.T. Vol. II, Secs. 1, 2, 3, 10-19.
	Principles of training.....	
	Annual training.....	
	FIELD ENGINEERING	
11 to 15	Field Defences—Recapitulation of subjects as for Lieutenant.	
16	Shell proof reinforced concrete structures.	M.F.E. Vol. II, Chap. VII.
17	Artillery emplacements and observation posts.	M.F.E. Vol. I, Chap. XII. M.F.E. Vol. II, Chap. IV. Plate 42, 43.
18	Organization of work, use of work table and working party demand.	M.F.E. Vol. II, App. II.
19	Deliberate preparation of defensive position — Superintendence of work—Machinery.	M.E. Vol. II, 1937, Chap. VI.
20	Bridge classification—Sequence of bridging operations — Bridging reconnaissance and selection of site.	M.E. Vol. III, 1934, Secs. 2, 3, 9-15.

Lieutenant to Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	FIELD ENGINEERING—*con.*	
21	Sequence of work in bridging operations — Organization of labour, materials, transport and power appliances — Organization of bridge site.	M.E. Vol. III, Secs. 21-27.
22	Bridge loads and calculations.....	M.E. Vol. III, Secs. 28-37.
23	Design and construction of short spans.	M.E. Vol. III, Secs. 38-44.
24	Trestle and crib piers.....	M.E. Vol. III, Secs. 45-52.
25	Launching methods and calculations.	M.E. Vol. III, Secs. 68-70.
26	Floating bridges, ferries and landing operations.	M.E. Vol. III, Secs. 81-89.
27	Folding boat equipment.....	M.E. Vol. III, Pt. II, Pamphlet 2.
28	Pontoon Bridging..... (General knowledge.)	Pamphlet 3.
29	Small box girder bridge.....	Pamphlet 5.
30	Large box girder bridge..... (General knowledge.)	Pamphlet 1.
31	Use of tubular scaffolding.....	Pamphlet 4.
32	Water supply requirements and reconnaissance generally.	M.E. Vol. VI, 1936. Chaps. I, II.
33	Well sinking.....	M.E. Vol. VI, Secs. 14, 15.
34	Pumps and Water Elevators..... (General knowledge.)	M.E. Vol. VI, Chaps. IV, V.
35	Storage of water and water points.	M.E. Vol. VI, Secs. 64-67, 111-115.
36	Water supply on the march and in bivouac.	M.E. Vol. VI, Secs. 118-120.
37	Improvement of existing roads—Wheel track roads.	M.E. Vol. V, 1935, Secs. 215-221, 228-233.
38	Roads over wet ground—roads over sand..	M.E. Vol. V, Secs. 222-227, 234, 235, 238.
39	Cross country tracks—repairs to roads.	M.E. Vol. V, Secs. 243-251.
40	Explosives—Theory and description.	M.E. Vol. IV, 1934, Secs. 1-12.
41	Methods of firing.....	M.E. Vol. IV, 1934, Secs. 13-21.
42	Testing electric circuits.....	M.E. Vol. IV, 1934, Secs. 22-28.
43 to 44	Preparation and calculation of charges.	M.E. Vol. IV, Secs. 29-41.
45	Classification of demolitions. Demolition of bridges, roads, railways, rivers and canals, buildings, Anti-tank mines.	M.E. Vol. IV, Secs. 49-54, 57, 64.

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ENGINEERS

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	TACTICS	
1 to 4	"Allez Allez" schemes involving engineer reconnaissance, engineer duties on the march, passage of rivers, in the attack, defence and retirement, in co-operation with other arms.	
	FIELD ENGINEERING	
15 to 30	Project. Deliberate preparation of defensive position, including organization for work (civilian labour or labour battalions).	
21 to 37	Project. Use of bridging equipment carried by Divisional Engineers in forcing passage of river.	
38 to 45	Project. Design and construction of improvised floating bridge or ferry.	
46 to 57	Project. Design and construction of medium or heavy bridge with fixed piers.	
58 to 64	Project. Restoration of bridge, partially destroyed by the enemy.	
65 to 72	Project. Preparation of demolitions, preparatory to a withdrawal, in area allotted to a Field Company.	
73 to 77	Project. Water supply scheme for force of all arms in bivouac.	
78 to 85	Project. Construction of temporary roads to improve communications, preparatory either to an attack or a withdrawal.	
	NOTE. — These projects will, whenever possible, be carried out in conjunction with the practical work of the 2/Lieuts. and N.C.Os.	
	DRILL AND USE OF ARMS	
86	Company Drill.....	E.T. Vol. I, Secs. 74-82.
87	Battle drill, and field signals.....	E.T. Vol. I, Secs. 84, 87-92.
88 to 90	Fire control, judging distance, application of fire, training in use of ground.	S.A.T. Vol. I, Secs. 23, Chap. V.
	Defence against gas.....	Defence Against Gas, 1935.

ENGINEERS

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
	TACTICS, ADMINISTRATION AND COMMAND ENGINEERS IN CO-OPERATION WITH OTHER ARMS	
1 to 8	T.E.W.T.—Employment of engineers on the march and in bivouac.	
9 to 16	T.E.W.T.—Employment of engineers with advanced guard and in encounter attack.	
17 to 24	T.E.W.T.—Employment of engineers in deliberate attack.	
25 to 40	T.E.W.T.—Employment of engineers in forcing passage of river and establishing semi-permanent bridges.	
41 to 48	T.E.W.T.—Employment of engineers in defence in mobile warfare.	
49 to 64	T.E.W.T.—Employment of engineers—deliberate preparation of defensive position.	
65 to 72	T.E.W.T.—Employment of engineers in a retirement.	
73 to 80	T.E.W.T.—Employment of engineers in co-operation with mobile troops.	
81 to 85	Exercise—Supply and transport of engineer stores.	
86 to 90	Exercise—Engineer liaison duties with other arms.	

NOTE.—Above exercises will include reconnaissance, appreciations, orders and administrative problems

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SIGNALS

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	DRILL AND USE OF ARMS	
1	Sword Drill	Manual Elementary Drill — All Arms 1935. Chaps. I to II, III (Pt. II), IV, V and VI.
2 to 3	Rifle Drill	E.T. 1937, Secs. 31-32-33.
4 to 12	Squad and Section Drill	
	ORGANIZATION	
13	Organization of a Division Composition and Duties of Divisional and Brigade Staffs.	War Establishments Corps and Divisional Signals.
14	Organization and Employment of Regimental Signal Sections.	
15	Organization and Employment Infantry Brigade Signal Sections.	Unit Organization in the Field (see Note 1).
16	Organization and Employment Field Brigade Signal Sections.	
17	Organization and Employment H.Q. and No. 1 Company Divisional Signals.	
18	Organization Corps Signals and Employment within Divisional area.	Signal Training Vol. I, Chaps. I to IV, incl.
19	Field Organization, Divisional Signals. (Corps Signals for Corps Signals candidates.)	
20	Peace Organization, Divisional Signals.	
	ADMINISTRATION	
21	General System of Supply and Feeding Arrangements within Divisional Signals. (Corps Signals for Corps Signals candidates)	F.S.R. Vol. I. Precis as issued by C.S.T.C.
22	Repair and replacement of Signal Equipment and Transport.	
23	Medical Arrangements within the Division.	
	SIGNAL TACTICS	
24	Signals with Advanced Guards	F.S.R. Vol. II, Chaps. II and IV to VIII incl.
25	Signals in Attack, Defence and Withdrawal.	
26	Signal Diagrams, Route and Circuit Records.	
27	Signal Operation Orders, Messages, and Abbreviations.	Signal Training Vol. I, Chaps. XI-XII and XIV.

SIGNALS

2nd Lieutenant to Lieutenant—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	SIGNAL TACTICS—*con.*	
28	Organization and Siting of Signal Offices. (Brigade and Division for Divisional Signals candidates, Division and Corps for Corps Signals candidates.)	
29	Signal Reconnaissance and Reconnaissance Reports.	Unit Organization in the Field.
30 to 32	Exercise—Infantry Brigade Signal Section.	
	SIGNAL TACTICS	
33 to 35	Exercise—Artillery Brigade Signal Section.	
36 to 38	Exercise—Signals with Advanced Guards.	
39 to 41	Exercise—Signals in Defence. (Divisional Signals for Divisional Signals candidates, Corps Signals for Corps Signals candidates)	
42 to 43	Exercise—Signal Order Writing...	
	TRAINING	
44 to 45	Section Training Programmes Divisional Signals (Peace). Schools and Courses, N.P.A.M.	Training Regs. Vol. I, 1934, Chaps. I-II-III.

NOTE 1.—An unofficial memorandum issued by C.S.T.C.

SIGNALS

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1–12	Squad, Section and Rifle Drill....	Manual Elementary Drill All Arms, 1935, Chaps. I-II-III (Pt. II), IV, V and VI. E.T. 1937, Secs. 31-32-33.
	DEFENCE AGAINST GAS	
13–15	Care and use of respirators.....	Defence Against Gas, 1935.
	MAP READING	
16–20	Use of Compass, recognition of features, and judging distance.	Manual of Map Reading, 1933.
21–23	Map enlarging and field sketching.	
	TACTICS (T.E.W.T.)	
24–31	Infantry Brigade—Approach March and deployment phases.	Signal Training Vol. I.
32–34	Artillery Brigade — Deployment phase.	Unit Organization in the Field (see Note 1).
35–42	Infantry Brigade—Defence and Withdrawal.	
	SIGNAL TACTICAL EXERCISES	
43–50	Signal Reconnaissance.....	
51–58	Infantry Brigade Signal Section..	
59–66	Artillery Brigade Signal Section..	
67–73	No. 1 Company Divisional Signals	
74–90	Divisional Intercommunication System.	

SIGNALS

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	DRILL AND SMALL ARM TRAINING	
1	Sword Drill	Manual Elementary Drill All Arms 1935.
2–10	Section and Company Drill	E.T. 1937, Secs. 31 to 35 incl.
11–12	Ceremonial Drill	Manual of Ceremonial, 1935.
	FIELD ENGINEERING	
	Construction of Signal Shelters and Test Points.	Fd. Engineering Vol. I, 1933.
13–14	Buried Cable	S.T. Vol. IV, Chap. IV.
	TRAINING	
	Company Training Programme, Divisional Signals.	Training Reg. 1934.
15–17	Weapon Training Programmes and Returns.	
	Office Routine and Records.	
	ADMINISTRATION	
	Supply, cooking and distribution in Divisional Signals. (Corps Signals for Corps Signals candidates.)	W.E. 1937. F.S.R. Vol. II.
18–21	Supply, repair and replacement of Signal stores, transport and clothing in the field.	Precis by C.S.T.C.
	Supply of ammunition and petrol in Signals units.	S.T. Vol. IV, Chap. VI.
	Divisional Signals Organization in the field for Command and Administration. (Corps Signals for Corps Signals candidates).	Unit Organization in the Field (see Note 1).
	SIGNAL TACTICS	
22–23	Organization of Divisional Signals.	F.S.R. Vol. II.
24	Organization of Signals	Signal Training Vol. I.
25	Signals during the Approach March.	
26	Infantry Intercommunication System in Attack, Defence and Withdrawal.	Unit Organization in the Field.
27	Artillery Intercommunication System in Attack, Defence and Withdrawal.	
28	Intercommunication with Aircraft.	

SIGNALS

Lieutenant to Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	SIGNAL TACTICS—*con.*	
29	Appreciations and Operation Orders.	
30	Signal Operation Orders and Diagrams.	
31	Signal Reconnaissance and Reports.	
32	Organization of Signal Offices.	
33–45	Exercises—Employment of Divisional and Corps Signals in the Field.	

NOTE 1.—Memorandum issued by C.S.T.C.

SIGNALS

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1–10	Section and Company Drill.....	E.T. 1937, Secs. 31 to 36 incl.
11–12	Ceremonial Drill.....	Manual of Ceremonial 1935, Chaps. I, II, III and VII.
	DEFENCE AGAINST GAS	
13–15	Care and use of respirators.....	Defence Against Gas, 1935.
	MAP READING	
16–20	Use of compass, recognition of features, judging distance.	Manual of Map Reading, 1933
21–23	Map enlarging and field sketching.	
	TACTICAL EXERCISES WITHOUT TROOPS	
24–31	Infantry Brigade—Approach March and Deployment.	F.S.R. Vol. II, 1935, Chaps. II, IV, V, VI, VII.
32–39	Infantry Brigade—Attack.	
40–47	Infantry Brigade—Defence and Withdrawal.	S.T. Vol. I, Chaps. XI-XII-XIV.
48–50	Infantry Brigade—Outposts.....	Unit Organization in the Field (see Note 1).
	NOTE.—Exercises will include employment of all arms that may co-operate with an infantry brigade.	
	SIGNAL TACTICAL EXERCISES	
51–58	Signal Reconnaissance.....	Unit Organization in the Field (see Note 1).
59–66	Employment No. 1 Company Divisional Signals.	
67–82	Divisional Intercommunication System.	S.T. Vol. I.
83–90	Preparation of Signal Tactical Exercise.	Training Regs. 1934.

NOTE 1.—Memorandum issued by C.S.T.S.

SIGNALS

Captain to Major

In preparation for Practical Examination

The practical portion at the Royal or Camp School for rank of Major will be combined with that for rank of Captain, but officers qualifying for rank of Major will, during signal exercises, perform duties and exercise command as O.C. Divisional Signals. In addition, candidates will be required to prepare, issue orders, and conduct one signal exercise.

INFANTRY (Rifle)

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	ORGANIZATION AND ADMINISTRATION	
1	Detailed knowledge of the organization of a company in peace and war, and its equipment.	War Estab. and G.O.
2	General knowledge of the organization of a battalion in peace and war (Rifle and M.G.).	War Estab. and G.O.
3	Marches and March discipline....	F.S.R. II, Secs. 21, 22, 25, 27, 28. M.E.D. Chap. VIII.
4	Ammunition and food supply within the infantry divisional area.	F.S.R. I. I.T. II, Chap. VII.
5	Policy and system of military training within the company.	Train Regs. I.T. I, Secs. 2, 3, 4, 6.
	TECHNICAL	
6–10	Drill.....	M.E.D. Secs. 9, 12, 14-17, 23, 27, 32-39, 73, 74.
11–15	S.A.T. (Rifle).....	S.A.T. I, Secs. 1, 3, 6, 9-15, Pamphlet 3, Lessons 1-6, 9, 10, 13, 14.
16	Grenade.....	S.A.T. I, Pamphlet 13, General Description.
17–21	L.M.G. or Lewis Gun.....	S.A.T. II, Secs. 1-6, 8.
22	A/T Rifle.....	S.A.T. Pamphlet 5.
23	Smoke.....	F.S.R. II, Sec. 9. S.A.T. Pamphlet 13, Lesson 7.
	TACTICS AND FIELD ENGINEERING	
24–25	Field Engineering.....	F.S.R. II, Sec. 9. I.T. II, Chap. VIII. M.F.E. Chaps. IV, VII.
26	Battle.....	I.T. II, Chap. I. F.S.R. II, Chap II.
27	Information and Reconnaissance..	F.S.R. II, Chap. IV.
28	Appreciations.....	T.R. Sec. 22.
29	Orders, Reports and Messages....	F.S.R. II, Secs. 13, 14, 15, App. IV and V. I.S.L. Chap. XI.
30	Intercommunication.....	F.S.R. II, Sec. 16. I.T. II, Sec. 7.
31	Characteristics and co-operation, all arms.	I.S.L. Chap. V. F.S.R. II, Chap. I.
32	Infantry weapons.....	I.S.L. Chap. III. F.S.R. II, App. II. S.A.T. I. Pamphlets.
33	Use of ground and formations.....	I.S.L. Chap. VI. I.T. II, Sec. 6.
34	Defence.....	F.S.R. II, Sec. 73. I.S.L. Chap. VIII. I.T. II, Chap. III.
35	Attack.....	F.S.R. II, Sec. 62. I.S.L. Chap. IX. I.T. II, Chap. II.

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS AND FIELD ENGINEERING—*con.*	
36	Advanced and Flank Guards.....	F.S.R. II, Secs. 41, 43, 46. I.T. II, Secs. 30, 31.
37	Withdrawal.....	F.S.R. II, Secs. 47-50. I.T. II, Sec. 32.
38	Protection at Rest.....	F.S.R. II, Secs. 51-53. I.T. II, Sec. 33.
39	Defence against Gas.....	D.A.G. 1935, Chap. I.
40	Fire Plan.....	I.S.L. Secs. 12, 13, 14, 17, 18, 20. I.T. II, Sec. 20.
41–45	Platoon and Section exercises.....	

INFANTRY (Rifle)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	TECHNICAL SUBJECTS	
1 to 16	Squad Drill and Rifle Exercises.	M.E.D. Secs. 36-39, 43-54, 59, 68, 75. I.T. I, Secs. 102-104, 107-112, 114.
17 to 37	S.A.T., including exercises	S.A.T. I, Pamp. 2, Secs. 1 and 2. Lessons 12-14. Pamp. 3, Lessons 3, 17-19.
38 to 57	L.M.G. or Lewis Gun before L.M.G. issued.	S.A.T. II, Secs. 8-12, 15-17, 19.
	TACTICS AND FIELD ENGINEERING	
58 to 60	Field Signals and Battle Formations.	I.S.L. Sec. 36. I.T. I, Chap. IX.
61 & 62	A.A. Training	S.A.T. II, Chap. III.
63	Mortar	S.A.T. III, Suppl.
64 to 69	Scouts and Patrols, practical	
70 to 79	Section Leader Training	
80 to 87	General Tactical exercises	
88 to 90	Practical Field Engineering	

INFANTRY (Rifle)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	ORGANIZATION AND ADMINISTRATION	
1	Detail of War Organization of a Battalion; its equipment and transport.	War Estab. and G.O.
2	Office work, correspondence, documents, returns, books and records of a company and battalion	K.R. (Can.) 63, 1535-1557, 1567, 1571-1574, 1608.
3	Titles and scope of official publications used in a battalion.	Precis.
4	Camps, bivouacs and sanitary arrangements.	F.S.R. I, Secs. 145, 151-154, 157, 158. F.S.R. II, Sec. 30.
5	Military training in a battalion...	Memo. on Trng. of C.M.
6	Weapon training returns and weapon history sheets.	Memo. on Trng. of C.M. C.C. Rolls, Butt Registers and M.F.B 282 and 335.
	FIELD ENGINEERING	
7 & 8	Trenches, demolitions and obstacles.	M.F.E. I, Secs. 37-41, 44, 45, Chaps. VII and XVI.
9	Wiring.....	M.F.E. I, Secs. 6, 17 (6, III), 25-26.
10	A/T defence.....	F.S.R. II, Secs. 5, 39, 68 (5). I.T. II, Secs. 8 (9), 20 (2), 21 (12). M.F.E. I, Sec. 23.
11	Working parties.....	I.T. II, Chap. VIII. M.F.E. I, Secs. 1, 2, 11, 14.
12	Concealment.....	F.S.R. II, Sec. 38. I.T. II, Secs. 4 (10), 19 (3), 34 (16). M.F.E. I, Sec. 17.
13	Construction of light shelters and gas-proof shelters.	M.F.E. I, Sec. 43, Plate 46. D.A.G Sec. 12.
	COMPANY DRILL	
14 to 19	Company Drill.....	I.T. I, Secs. 105-114.
	TECHNICAL SUBJECTS	
20	Range duties and discipline.....	S.A.T. IV, Sec. 10.
21	Anti-gas defence.....	D.A.G. Chaps. I and II.
22	Anti-aircraft defence.....	S.A.T. II, Chap. III.
23	Principles and system of S.A.T...	S.A.T. I, Secs. 3, 4, 6. Memo. on Trng. C.M., Sec. 44 and App. IV.
24	V/T and application of fire.....	S.A.T. I, Pamp. 2.
25	Weapon training programmes.....	Memo. on Trng. C.M.
26	Grenade training.....	S.A.T. I, Pamp. 13. Gen. and Sec. 1.
27	Anti-Tank Rifle.....	S.A.T. I, Pamp. 5, Gen.
28	Mortar.....	S.A.T. III, Supp. Chaps. I, VI.
29	Rifle.....	S.A.T. I, Pamp. 3, Sec. 4.
30 to 34	L.A. or L.M.G.....	S.A.T. I, Pamp. 4, Sec. 5.

Lieutenant to Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS	
35	Company in attack and role of M.G's.	I.T. II, Secs. 9, 10, 12, 14, 15, 17. F.S.R. II, Chap. VI.
36	Company in defence and role of M.G's.	I.T. II, Secs. 19, 20, 22-24, 26. F.S.R. II, Chap. VII.
37	Advanced and flank guards.....	I.T. II, Secs. 29-31. F.S.R. II, Secs. 41-46.
38	Outposts.....	I.T. II, Sec. 33. F.S.R. II, Secs. 51-53.
39	Withdrawal.....	I.T. II, Sec. 32. F.S.R. II, Secs. 47-50.
40	Infantry weapons and use of ground	I.T. II, Secs. 4-6. F.S.R. II, App. II and Sec. 12 (2).
41	Preparation of schemes.....	Train Regs. 26, 42.
42	Setting up a sand table.....	
43 to 45	Scheme to review Pl. and Sec. Leading.	

INFANTRY (Rifle)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1 to 10	Drill	I.T. I, Secs. 113-114, 117-120.
	S.A.T.	
11 to 22	S.A.T.	T.O.E.T., S.A.T. I, Pamps. 3 and 4. S.A.T. I, Pamp. 4, Sec. 5 as applied to Lewis Gun. S.A.T. I, Pamp. 2, Sec. 4.
	TACTICS	
23 to 28	Scout and patrol exercises	
29 to 47	Platoon and Section exercises to emphasize the use of ground and the application of S.A.T.	
48 to 90	Tactical exercises in the employment of a company.	

INFANTRY (Rifle)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1 to 10	Company and Battalion Drill.....	I.T. I, Chaps. VII, VIII.
	ORGANIZATION AND ADMINISTRATION	
11	General survey of Command, Organization and Administration of a Military District.	K.R. (Can.), Sec. 1 (4), II (1) and III (3).
12	General survey of Organization and Equipment of all arms and services in an infantry division.	War Estab. F.S.R. II, Chap. I.
13	Duties of a Commanding Officer.	K.R. (Can.) 46-59.
14	Peace and Training Organization and equipment of a Battalion (Rifle and M.G.).	Precis.
15	War organization and equipment of a Battalion (Rifle and M.G.).	War Estab.
16	Object, policy, scope, responsibility and system of training of a battalion, N.P.A.M.	Memo. on Trng. of C.M.
17	Supplies and petrol supply—Railhead to troops.	F.S.R. Vol. I.
18	Ammunition supply—Railhead to troops. Evacuation of wounded.	F.S.R. Vol. I.
	FIELD ENGINEERING	
19	Obstacles and A/T defence.....	M.F.E. Chap. VII. F.S.R. II, Secs. 5, 39, 68 (5). I.T. II, Secs. 8 (9), 20 (2), 21 (12).
20	Field defences.....	M.F.E. I, Secs. 36-42, 44-46.
21	Construction of shelters and gas-proof shelters.	M.F.E. I, Sec. 43, Plate 46. D.A.G. Sec. 12.
22	Camping and sanitary arrangements.	Man. Hygiene and Sanitation, Chap. VII.
23	Explosives and demolitions.....	F.S.R. II, Sec. 49. I.T. II, Sec. 32 (17). F.S.P.B. Chap. X, Sec. 44.
24	Concealment.....	F.S.R. II, Sec. 38. I.T. II, Secs. 4 (11), 19 (3), 34 (16). M.F.E. I, Sec. 17.
25 & 26	Exercises.....	
27	M.G. emplacements.....	M.F.E. I, Secs. 17, 36, 45 and Plates 17-20.
	MAP READING	
28 to 30	Photo reading.....	Man. Map Reading, Chap. XII.
31 to 37	Exercises.....	

Captain to Major—Con.

In preparation for Practical Examination

Period	Detail	Reference
	TACTICS	
38 & 39	Orders, Reports and Messages.....	F.S.R. II, Secs. 13, 14, 15, App. IV.
40	Appreciations.....	Trng. Regs. Sec. 22.
41 to 43	Characteristics and co-operation of various arms in battle, to include artillery and machine guns, tanks and timed programmes.	F.S.R. II, Chap. I.
44	Battle.....	F.S.R. II, Secs. 11, 12. F.S.R. III, Secs. 9-13.
45	Information and reconnaissance from the battalion viewpoint.	F.S.R. II, Chap. IV.
46	A.A. defence.....	F.S.R. II, Sec. 38.
47	Tactical aspect of defence against gas.	F.S.R. II, Sec. 40. D.A.G. Secs. 6-8, 16, 29, 37, 45-48.
48	Co-operation with R.A.F.....	Employment of Air Forces with the Army, 1932. F.S.R. II, Secs. 8, 20, 32.
49 to 52	Preparation of tactical schemes...	Trng. Regs. Secs. 26, 42.
53 to 62	Exercise in protection on the move and battalion in attack.	
63 to 68	Exercise in Outposts and battalion in defence.	
69 to 75	Night operations.....	F.S.R. II, Chap. VIII.
76 to 80	Battalion in withdrawal.....	F.S.R. II, Secs. 47-50.
81 to 90	General tactical exercises.....	

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INFANTRY (M.G.)

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	ORGANIZATION AND ADMINISTRATION	
1	Detailed knowledge of the organization of a company in peace and war, and its equipment.	War Estab. and G.O.
2	General knowledge of the organization of a battalion in peace and war (rifle and M.G.).	War Estab. and G.O.
3	Marches and march discipline....	F.S.R. II, Secs. 21, 22, 25, 27, 29. M.E.D. Chap. VIII.
4	Ammunition and food supply within the infantry divisional area.	F.S.R. I. I.T. II, Chap. VII.
5	Policy and system of military training within the company.	Trng. Regs. I.T. I, Secs. 2, 3, 4, 6.
	TECHNICAL	
6 to 10	Drill.....	M.E.D. Secs. 9, 12, 14-17, 23, 27, 32-39, 73, 74.
11 & 12	Rifle.....	S.A.T. I, Secs. 1, 3, 6, 9-15. Pamp. 3. Lessons 1, 3, 6, 9, 10.
13	A/T Rifle.....	S.A.T. I, Pamp. 5.
14	Smoke.....	F.S.R. II, Sec. 9. S.A.T. I, Pamp. 12, Lesson 7.
15	A/T. Gun.....	Precis.
16 to 23	V.M.G.....	S.A.T. III, Secs. 1, 5-9, 12, 14, 24, 40. V.H.B. Secs. 4-8, 36-53, 58 (L. 1, 3), 59-66.
	TACTICS AND FIELD ENGINEERING	
24 & 25	Field engineering.....	M.F.E. I, Chaps. IV, VII. I.T. II, Chap. VIII.
26	Battle.....	I.T. II, Chap. 1. F.S.R. II, Chap. II.
27	Information and reconnaissance...	F.S.R. II, Chap. IV.
28	Appreciations.....	Trng. Regs. Sec. 22.
29	Orders, Reports and Messages.....	F.S.R. II, Secs. 13, 14, 15, App. IV, V. I.S.L. Chap. XI.
30	Intercommunication.....	F.S.R. II, Sec. 16. I.T. II, Sec. 7.
31	Characteristics and co-operation all arms.	I.S.L. Chap. V. F.S.R. II, Chap. I.
32	Defence.....	I.T. II, Chap. III. F.S.R. II, Sec. 73.
33	Attack.....	I.T. II, Chap. II. F.S.R. II, Sec. 62.
34	Advanced and Flank Guards.....	I.T. II, Secs. 30, 31. F.S.R. II, Secs. 41, 43, 46.
35	Withdrawal.....	I.T. II, Sec. 32. F.S.R. II, Secs. 47-50.
36	Protection at Rest.....	I.T. II, Sec. 33. F.S.R. II, Secs. 51-53.
37	Defence against gas.....	D.A.G. 1935, Chap. I.
38	Fire plan.....	I.T. II, Sec. 20. F.S.R. II, Sec. 73. S.A.T. II, Sec. 68.
39 to 45	M.G. Platoon tactics.....	

INFANTRY (M.G.)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	TECHNICAL SUBJECTS	
1 to 16	Squad drill and rifle exercises....	M.E.D. Secs. 36-39, 43-54, 59, 68, 75. I.T. I, Secs. 102-104, 107-112, 114.
17 to 20	S.A.T.....	S.A.T. I, Pamp. 3, Lessons 3, 13, 14. S.A.T. I, Pamp. 11, Lessons 1-5.
21 to 60	V.M.G.....	S.A.T. I, Chap. V. S.A.T. III, Secs. 11 (5), 13, 15, 18, 24-28, 31-33, 36, 37, 41 and .RT. 42-73. V.H.B. Secs. 22-35, 67-73.
	TACTICS AND FIELD ENGINEERING	
61	Field signals and battle formations.	I.T. I, Chap. IX.
62 & 63	A.A. training.....	S.A.T. II, Chap. III.
64 to 67	Practical Field Engineering.....	
68 to 90	M.G. exercises to include field duties, and general tactical employment.	

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INFANTRY (M.G.)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	ORGANIZATION AND ADMINISTRATION	
1	Detail of war organization of a battalion; its equipment and transport.	War Estab. and G.O.
2	Office work, correspondence, documents, returns, books and records of a company or battalion.	K.R. (Can.) 1535-1557, 1567, 1571-1574, 1608.
3	Titles and scope of official publications used in a battalion.	Precis.
4	Camps, bivouacs and sanitary arrangements.	F.S.R. I, Secs. 145, 151-154, 157, 158. F.S.R. II, Sec. 30.
5	Military training in the battalion.	Memo. on Trng. of C.M.
6	Weapon training returns and weapon history sheets.	Memo. on Trng. of C.M. C.C. Rolls, Butt Registers and M.F.B 282 and 335.
	FIELD ENGINEERING	
7	Machine gun emplacements and concealment.	M.F.E. I, Secs. 17, 36, 45 and Plates 17-20.
8	Obstacles and wiring	M.F.E. Chap. VII and Secs. 6, 17, 25-26.
9	A/T. defence	F.S.R. II, Secs. 5, 39, 68 (5). I.T. II, Secs. 8 (9), 20 (2), 21 (12). M.F.E. I, Sec. 23.
10	Working parties	I.T. II, Chap. VIII. M.F.E. I Secs. 1, 2, 11, 14.
11	Gas shelters	D.A.G. Sec. 12. M.F.E. Plate 46, Sec. 43.
	COMPANY DRILL	
12 to 17	Company drill	I.T. I, Secs. 105-114.
	TECHNICAL SUBJECTS	
18	Range duties and discipline	S.A.T. IV, Sec. 10.
19	Anti-gas defence	D.A.G. Chaps. I and II.
20	Anti-aircraft defence	S.A.T. II, Chap. III.
21	Training—System and sequence	S.A.T. III, Secs. 5-11.
22	Weapon training programmes	Memo. on Trng. of C.M.
23	A/T. gun	Precis.
24	A/T. rifle	S.A.T. I, Pamp. 5, General.
25 & 26	I.A. Stoppages	V.H.B. Chaps. IX and X.
27	Range courses	S.A.T. IV, Chap. III and App. II. Memo. on Trng. of C.M.
28 & 29	Use of instruments	S.A.T. III, Sec. 14.
30 to 33	Fire control	S.A.T. III, Secs. 46, 50-55, 57-64, 67.
34 & 35	Fire Orders	S.A.T. III, Secs. 68, 71, 73.
36 to 38	Elementary gun drill	S.A.T. III, Sec. 25.

INFANTRY (M.G.)

Lieutenant to Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	TACTICS	
39	Attack and role of M.Gs.....	I.T. II, Secs. 9, 10, 12, 14, 15, 17. F.S.R. II, Chap. VI.
40	Defence and roll of M.Gs.....	I.T. II, Secs. 19, 20, 22-24, 26. F.S.R. II, Chap. VII.
41	Advanced and flank guards.....	I.T. II, Secs. 29-31. F.S.R. II, Secs. 41-46.
42	Outposts.....	I.T. II, Sec. 33. F.S.R. II, Secs. 51-53.
43	Withdrawal.....	I.T. II, Sec. 32. F.S.R. II, Secs. 47-50.
44	Preparation of schemes.....	Trng. Regs. Secs. 26, 42.
45	Setting up a sand table.....	

INFANTRY (M.G.)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1 to 10	Drill.....	I.T. I, Secs. 113-114, 117-120.
	TECHNICAL	
11 to 13	Section drill.....	S.A.T. III, Sec. 26.
14 to 19	Platoon drill.....	S.A.T. III, Sec. 27.
20 to 25	H.Q. training and field duties....	S.A.T. III, Sec. 11 (5), Chap. V.
26	Range tables.....	R.T. and S.A.T. III, Sec. 41.
27 to 30	Night firing.....	S.A.T. III, Sec. 28.
31 to 32	Examinations.	
	TACTICS	
33 to 47	Exercises in the selectionof M.G. positions.	
48 to 90	Tactical exercises in the employment of machine guns with other arms.	

INFANTRY (M.G.)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
	DRILL	
1 to 10	Company and Battalion Drill.....	I.T. I, Chaps, VII, VIII.
	ORGANIZATION AND ADMINISTRATION	
11	General survey of Command, Organization and Administration of a Military District.	K.R. (Can.) Sec. 1 (4); II (1) and III (3).
12	General survey of Organization and Equipment of all arms and services in an infantry division.	War Estab. F.S.R. II, Chap. I.
13	Duties of a Commanding Officer..	K.R. (Can.) 46-59.
14	Peace and Training Organization and equipment of a Battalion (Rifle and M.G.).	Precis.
15	War organization and equipment of a Battalion (Rifle and M.G.).	War. Estab.
16	Object, policy, scope, responsibility and system of training of a battalion, N.P.A.M.	Memo. on Trng. of C.M.
17	Supplies and petrol supply—Railhead to troops.	F.S.R. Vol. I.
18	Ammunition supply—Railhead to troops. Evacuation of wounded.	F.S.R. Vol. I.
	FIELD ENGINEERING	
19	Obstacles and A/T defence.....	M.F.E. Chap. VII. F.S.R. II, Secs. 5, 39, 68 (5). I.T. II, Secs. 8 (9), 20 (2), 21 (12).
20	Field defences.....	M.F.E. I, Secs. 36-42, 44-46.
21	Construction of shelters and gas-proof shelters.	M.F.E. I, Sec. 43, Plate 46. D.A.G. Sec. 12.
22	Camping and sanitary arrangements.	Man. Hygiene and Sanitation, Chap. VII.
23	Explosives and demolitions.....	F.S.R. II, Sec. 49. I.T. II, Sec. 32 (17). F.S.P.B. Chap. 10, Sec. 44.
24	Concealment.....	F.S.R. II, Sec. 38. I.T. II, Secs. 4 (11), 19 (3), 34 (16). M.F.E. I, Sec. 17.
25 & 26	Exercises.....	
27	M.G. emplacements.....	M.F.E. I, Secs. 17, 36, 45 and Plates 17-20.
	MAP READING	
28 to 30	Photo reading.....	Man. Map Reading, Chap. XII.
31 to 37	Exercises.	

In preparation for Practical Examination

Period	Detail	Reference
	TACTICS	
38 & 39	Orders, Reports and Messages....	F.S.R. II, Secs. 13, 14, 15, App. IV.
40	Appreciations.....	Trng. Regs. Sec. 22.
41 to 43	Characteristics and co-operation of various arms in battle, to include artillery and machine guns, tanks and timed programmes.	F.S.R. II, Chap. I.
44	Battle.....	F.S.R. II, Secs. 11, 12. F.S.R. II, Secs. 9-13.
45	Information and reconnaissance from the battalion viewpoint.	F.S.R. II, Chap. IV.
46	A.A. defence.....	F.S.R. II, Sec. 38.
47	Tactical aspect of defence against gas.	F.S.R. II, Sec. 40. D.A.G. Secs. 6-8, 16, 29, 37, 45-48.
48	Co-operation with the R.A.F.....	Employment of Air Forces with the Army, 1932. F.S.R. II, Secs. 8, 20, 32.
49 to 52	Preparation of tactical schemes...	Trng. Regs. Secs. 26, 42.
53 to 62	Exercise in protection on the move and battalion in attack.	
63 to 68	Exercise in Outposts and battalion in defence.	
69 to 75	Night operations.....	F.S.R. II, Chap. VIII.
76 to 80	Battalion in withdrawal.....	F.S.R. Secs. 47-50.
81 to 90	General tactical exercises.	

INFANTRY (Tanks)

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	SQUAD DRILL	
1	Forming up, attention, stand-at-ease, dressing.	M.E.D. Secs. 5-8, 17. T.T. I. Secs. 13, 15-17.
2	Marching and turning	M.E.D. Secs. 9-16. T.T. I. Secs. 18, 21.
3	Numbering, proving and dismissing.	M.E.D. Secs. 18-23, 27.
4	Recapitulation.	
	CREW AND COY. DRILL	
5	Formations	M.E.D. Secs. 40, 41.
6	Formations and movements	T.T.I. Secs. 53-60.
7- 8	Pistol Drill	M.E.D. Sec. 69.
9	Organization, of, Crew, Coy. and Bn.	C.A.F.V.S. Precis.
10	Training systems and methods	T.T.I. Chap. I.
	TANK GUNNERY	
11–12	Crew Control	C.A.F.V.S. Precis.
13	V.M.G. General Description	V.H.B. Chap. II. T.T. II, Pt. 3, Pamp. 2, Sec. 2.
14	V.M.G. Care and Cleaning	V.H.B. Secs. 40, 41. T.T. II, Pt. 3, Pamp. 2, Sec. 7.
15	V.M.G. Stripping	V.H.B. Secs. 53, 56, 57. T.T. II, Pt. 2, Pamp. 2, Sec. 3.
16	V.M.G. Mechanism, load and unload.	V.H.B. Secs. 22, 23, 24. T.T. II, Pt. 3, Pamp. 2, Sec. 4.
17	V.M.G. Mechanism, recoil and lock.	V.H.B. Secs. 25, 29, 30, 32, 35. T.T. II, Pt. 3, Pamp. 2, Sec. 4.
18–21	V.M.G. Stoppages and Action	V.H.B. Chaps. IX and X. T.T. II, Pt. 3, Pamp. 2, Sec. 5.
22	V.M.G. Comparison MK I and MK VI Guns.	T.T. II, Pt. 3, Pamp. 2, App. 2.
23	Pistol. General Description.	
	TACTICS	
24	Characteristics of Fighting Troops.	F.S.R. Vol. II, Chap. I.
25	Information and messages	F.S.R. Vol. II, Secs. 19, 31, 36 and App. IX.
26	Marches, generally	F.S.R. Vol. II, Sec. 21.
27–28	Protection, generally	F.S.R. Vol. II, Chap. V.
29	The attack	F.S.R. Vol. II, Chap. VI.
30	The defence	F.S.R. Vol. II, Chap. VII.
31	Recapitulation.	

INFANTRY (Tanks)

2nd Lieutenant to Lieutenant—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	TANK TACTICS	
32	Characteristics of Tanks	F.S.R. Vol. II, Chap. 1 and App. I.
33	Obstacles, Road blocks, etc	M.F.E. Vol. I, Secs. 20-23.
34	Co-operation with Other Arms	C.T.S. Precis.
35–38	Tank tactics—Theory	C.A.F.V.S. Precis.
39–40	Sand table exercise	C.A.F.V.S. Precis.
41–42	Sand table exercise	C.A.F.V.S. Precis.
43–45	Intercommunication	C.A.F.V.S. Precis.

INFANTRY (Tanks)

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
1– 3	Squad Drill (refresher periods)	M.E.D. Secs. 5-23, 27.
4– 7	Crew drill, dismounted	M.E.D. Secs. 40 and 41.
8	Coy. drill—mounted (Blocks)	T.T. Vol. I, Secs. 53-60.
9–20	Coy. drill—mounted vehicles	T.T. Vol. I, Secs. 53-60.
21–28	Maintenance at tank park	Practical.
29	Maintenance of equipment	Practical.
30–33	Maintenance on road	Practical.
34 & 35	Investigation of vehicles	Practical.
36 & 37	Headquarters training	Practical.
38–43	Demonstrations	C.A.F.V.S. Personnel.
44–49	Map Reading exercise	Practical.
50–57	Two outdoor exercises (attack)	Practical.
58–65	Two outdoor exercises (defence)	Practical.
66–73	Two outdoor exercises (withdrawal).	Practical.
74–78	Battle procedure	Practical.
79–86	Night marches and harbouring	Practical.
87–90	C.O's Pool.	

INFANTRY (Tanks)

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	SPECIAL SUBJECTS	
	CREW AND COY. DRILL	
1 to 2	Formations and movements.....	M.E.D. Secs. 40, 41. T.T. I, Secs. 53-60.
	ORGANIZATION	
3	Medical evacuation of casualties...	C.A.F.V.S. Precis.
4	Methods of Training "I" Tank Bns.	
5	Peace and War Establishments Tank Bns.	
	STORE ACCOUNTING	
6	Forms and books used in accounting—General.	Necessary forms.
7	Ledgers—Keeping of.....	C.A.F.V.S. Precis.
8	Vouchers—Preparing.....	
9	Indents.—Preparing.....	
10	Vehicle logs—Preparing.....	
11	A.B. 5's or N.D. Book 96.....	
	TANK GUNNERY	
12 to 15	Crew Control.....	C.A.F.V.S. Precis.
16	Characteristics of Tank Armaments.	T.T. II, Pt. III. C.A.F.V.S. Precis.
	TACTICS	
17	Operation and Administrative Orders.	F.S.R. II, Secs. 13-15.
18–19	Appreciations.....	T.R. Sec. 22.
20	Tactical use of smoke and gas.....	F.S.R. II, Secs. 9, 10. D.A.G. Secs. 1-4.
21	A.D. Defence.....	F.S.R. II, Sec. 38.
22	Information generally.....	F.S.R. II, Sec. 31.
23	Intercommunication.....	F.S.R. II, Secs. 16-20.
24–25	Recapitulation and exercises.	
26	Employment of "I" Tanks.....	C.A.F.V.S. Precis.
27	Co-operation with other arms.....	C.A.F.V.S. Precis.
28	Characteristics of Tank Vehicles.	F.S.R. II, Chap. I, App. I.
29	Tank obstacles and mines.....	M.F.E. I, Secs. 20-23.
30–32	Preparation of T.E.W.T.....	T.R. Sec. 26.
33–34	Intercommunication with Bn.....	C.A.F.V.S. Precis.
35	Tank tactics—Attack.....	C.A.F.V.S. Precis.
36–37	Sand Table exercise or T.E.W.T. Attack.	C.A.F.V.S. Precis.
38	Tank tactics—Defence.....	C.A.F.V.S. Precis.
39–40	Sand Table exercise or T.E.W.T. Defence.	C.A.F.V.S. Precis.
41	Tank Tactics—Other aspects.....	C.A.F.V.S. Precis.
42–43	Sand Table, etc. See period 40..	C.A.F.V.S. Precis.
44–45	Recapitulation Exercise.....	C.A.F.V.S. Precis.

INFANTRY (Tanks)

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
1	Coy. drill (Blocks)	M.E.D. Secs. 40 and 41.
2–13	Coy. drill mounted vehicles	T.T. Vol. I, Secs. 53-60.
14–19	Maintenance	Practical.
20–25	Demonstrations	C.A.F.V.S. personnel.
26–35	Practical accounting	M.T. Stores. Q.M. Stores.
36–41	Map Reading—outdoor	Practical.
42–48	Preparation of tactical exercise	"
49–56	Two outdoor exercises (attack)	"
57–64	Two outdoor exercises (defence)	"
65–72	Two outdoor exercises (withdrawal).	"
73 & 74	Battle Procedure	"
75–82	Night Marches and harbouring	"
83–90	C.O's Pool.	

INFANTRY (Tanks)

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
1–12	Drills, supervision and practical instruction.	T.T. Vol. I, Secs. 53-60
13 & 14	Maintenance	Practical.
15–20	Demonstrations	C.A.F.V.S. personnel.
21–30	Practical accounting	M.T. Stores. Q.M. Stores.
31–36	Map Reading—outdoors	Practical.
37 & 38	Tactics refresher	C.A.F.V.S. Precis.
39–45	Preparation of tactical exercise	Practical.
46–52	Outdoor exercise (attack)	"
53–56	Outdoor exercise (attack)	"
57–63	Outdoor exercise (defence)	"
64–67	Outdoor exercise (defence)	"
68–74	Outdoor exercise (withdrawal)	"
75–78	Outdoor exercise (withdrawal)	"
79–86	Night March and harbouring	"
87–90	C.O's Pool.	

R.C.A.S.C.

2nd Lieutenant to Lieutenant

In preparation for 2nd Examination paper

Period	Detail	Reference
	ORGANIZATION	
1	Peace organization and training of R.C.A.S.C. units.	G.Os. 196 and 214 of 1936.
2	War organization—Divisional and Corps R.A.S.C. units.	
3	General organization of the supply services in the field.	
4	Organization and functions—Divisional Supply column.	
5	Organization and functions—Divisional Ammunition Coy.	
6	Organization and functions—Divisional Petrol Coy.	
7	Indenting for supplies in the field.	
8	System of supply of food, etc., to a Div. and duties of Div. Supply column.	
9	System of ammunition supply to a division and duties of Div. Ammunition Coy.	
10	System of petrol supply and carriage of blankets and reserve clothing, also duties of Divisional Petrol Company.	
11	System of evacuation and replacement of Div. M.T. vehicles in the field.	
12	Care and handling of ammunition.	Ammunition handbook.
13	Railheads and Refilling Points—operation and lay-out.	
14	Organization and functions of the various R.A.S.C. units in the field, other than Divisional units.	
15	Convoy control—march discipline, organization and signals.	
16	Protection of convoys at rest and on the move. A.A. Defence Anti-Gas defence, and co-operation of all arms.	
	M.T. AND SUPPLY TECHNICAL	
17	Procedure after accident or breakdown, Highway Code and rules of the road. Fire precautions.	Drivers' Standing Orders.
18	General arrangement of the chassis	M. of M.V. (IC) Chap. II.
19	I.C. engine and components.....	" Chap. III.
20	I.C. engine—operation and functions.	" Chap. III.
21	Lubrication generally.....	" Chap. IV.
22	Fuel supply and carburation.....	" Chap. VI.

2nd Lieutenant to Lieutenant—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	M.T. AND SUPPLY TECHNICAL—*con.*	
23	Ignition—The magneto	M. of M.V. (IC) Chap. VIII.
24	Ignition—Storage batteries	" Chap. VIII.
25	Ignition—Battery ignition system.	" Chap. VIII.
26	Clutches and gear boxes	" Chap. VIII.
27	Engine cooling systems	" Chaps. X and XI.
28	The transmission generally	" Chap. V.
29	Steering, wheels and brakes	" Chap. II.
30–33	Driving instruction	
34–36	M.T. Mounted Drill	
37–38	Driving in convoy	
39	Organization and functions of base and L. of C. R.A.S.C. Supply units.	
40	Supply accounting in peace	
41	Inspection of meat	R.A.S.C. T. Vol. III.
42	Judging supplies	" "
43	Lay-out of supply depots	" "
44	Storage, stacking, care and custody of supplies.	" "
45	Decontamination—food supplies	" "

R.C.A.S.C.

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
1- 2	Lay-out of unit workshop and operation.	
3- 8	Greasing and lubrication.....	M. of M.V. (IC) Chap. IV.
9–10	Common faults and first aid.....	Maintenance Handbook.
11–12	Inspection of vehicles and preparation of vehicle reports.	" "
13	Unditching and towing.....	" "
14–29	Tactical exercise—"Supplies" .	
30–45	" "Ammunition".	
46–61	" "Protection of Convoys".	
62–70	Tactical exercise—"Petrol supply, Blankets and Reserve Clothing".	
71–74	Lay-out of, and clerical duties at Base, S.R.H., S.R.P., P.P. and D.I.D.	
75–78	Preparation of documents used for above.	
79–82	Practical judging of supplies.	
83–86	Loading and stacking, supplies, ammunition and petrol.	
87–90	Supply accounting.	

R.C.A.S.C.

Lieutenant to Captain

In preparation for 2nd Examination paper

Period	Detail	Reference
	SPECIAL SUBJECTS	
1	Peace organization and training—R.C.A.S.C. units.	G.Os. 196 and 214, 1936.
2	War organization—Div. and Corps R.A.S.C. units.	
3	General organization of the supply services in the field.	
4– 5	Organization, functions and training—Div. or Corps Sup. Coln.	
6– 7	Organization, functions and training—Div. Amn. Coy. or C.A.P.	
8– 9	Organization, functions and training—Div. Pet. Coy. or C.P.P.	
10	Indenting for supplies in the field.	
11	System of supply of food to a Division and duties of Div. Sup. Coln.	
12	System of ammunition supply to a Division and duties of Div. Ammunition Coy.	
13	System of petrol supply and carriage of blankets and reserve Clothing, also duties of Divisional Petrol Company.	
14	System of evacuation and replacement of Div. R.A.S.C. M.T. vehicles in the field.	
15	Care and handling of ammunition.	Ammunition Handbook.
16	Railheads and refilling points—operation and lay-out.	
17–19	Convoy control—organization and signals.	
20–22	Protection of convoys at rest and on the move. A.A. Defence, Anti-gas defence and co-operation of all arms.	
	M.T. AND SUPPLY TECHNICAL	
23	Procedure after accident or breakdown, Highway Code and rules of the road, Fire precautions.	Drivers' Standing Orders.
24	General arrangement of the chassis	M. of M.V. (IC) Chap. II.
25	I.C. engine and components.....	" Chap. III.
26	I.C. engine—operation and functions.	" Chap. III.
27	Lubrication generally.....	" Chap. IV.
28	Fuel supply and carburation.....	" Chap. VI.
29	Ignition—The magneto.....	" Chap. VIII.
30	" Storage batteries.....	" Chap. VIII.
31	" Battery Ignition systems	" Chap. VIII.
32	Clutches and gear boxes.....	" Chaps. X and XI.

Lieutenant to Captain—Con.

In preparation for 2nd Examination paper

Period	Detail	Reference
	M.T. AND SUPPLY TECHNICAL—*con.*	
33	Engine cooling systems	M. of M.V. (IC) Chap. V.
34	The transmission generally	" Chap. II.
35	Steering, wheels and brakes	" Chaps. XIII and XVI.
36–38	M.T. Mounted Drill	
39	Organization and functions of Base and L. of C. R.A.S.C. supply units.	
40	Supply accounting in peace	
41	Inspection of meat	R.A.S.C.T. Vol. III.
42	Judging supplies	" "
43	Lay-out of supply depots	" "
44	Storage, stacking, care and custody of supplies.	" "
45	Decontamination—food supplies	Defence Against Gas.

R.C.A.S.C.

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
1– 2	Lay-out of unit workshop and operation.	M. of M.V. (IC) Chap. IV.
3– 4	Greasing and lubrication.....	Maintenance Handbook.
5– 6	Common faults and first aid.....	" "
7–10	Maintenance and upkeep.....	" "
11–12	Inspection of vehicles and preparation of vehicle reports.	" "
13	Unditching and towing.	
14–29	Tactical Exercise—"Supplies".	
30–45	" "Ammunition"	
46–61	" "Protection of Convoys".	
62–70	Tactical Exercise—Petrol supply, blankets and reserve clothing.	
71–74	Lay-out of, and clerical duties at, Base, S.R.H., P.P., A.P. and D.I.D.	
75–78	Preparation of documents used for above.	
79–82	Practical judging of supplies.....	R.A.S.C. T. Vol. III.
83–86	Loading and stacking, supplies, ammunition and petrol.	" "
87–90	Supply accounting.	

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R.C.A.S.C.

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
1– 8	Messages, Movement and Operation Orders and Appreciations also preparation of tactical scheme.	F.S.R. Vol. I. Training Regulations.
9–16	Outdoor map reading schemes and road reconnaissance.	Manual of Map Reading, Sec. 80. Notes on Map Reading, Sec. 80.
17–24	Ammunition Supply Scheme—Employment of Div. Ammunition Coy.	
25–32	Petrol Scheme—Employment of Divisional Petrol Company including blanket section.	
33–40	Supply Scheme—Employment of Div. Supply Column.	
41–48	Co-operation of other arms in the protection of R.A.S.C. units at rest and on the move.	
49–52	Indenting and accounting for supplies in the field, Duties of Formation R.C.A.S. officers.	
53–54	Duties of Senior Supply Officer, Compilation of accounting forms.	
55–60	Embussing and Debussing, Movement of troops by M.T. including operation of Reserve M.T. Coy.	
61–68	Convoy control—organization and protection at rest and on the move, A.A. defence and anti-gas defences.	
69–72	Preservation of food supplies—anti-gas measures.	
73–80	R.C.A.S.C. Units on the lines of communication. Organization, functions, and lay-out.	
81–90	Tactical scheme embodying the employment of a Company of Div. R.A.S.C. and its co-operation with other arms of the Service.	

R.C.A.M.C.

Sergeants

In preparation for Practical Examination.

NOTE.—In addition to a knowledge of the subjects enumerated below, a candidate will be expected to have a knowledge of the subjects enumerated in the syllabus 2nd Lieut. to Lieut. (All Arms) 1st paper. The practical examination will include questions on both.

Period	Detail	Reference
	SQUAD DRILL WITHOUT ARMS	
1	Attention, Stand at ease, Saluting, Turning by numbers, marching and dismissing.	Manual of Elementary Drill (All Arms).
2	Marching, turning on the march, changing direction.	" "
3	Marching in line, file, two ranks, forming fours.	" "
4	Recapitulation, and marching in.	" "
5– 7	Squad Drill without Arms.....	Recapitulation.
8–10	R.C.A.M.C. drill without stretchers.	R.A.M.C. Training, paras. 53, 54, 55, and 59.
11–12	R.C.A.M.C. drill with closed stretchers.	R.A.M.C. Training, paras. 56-58, and 60-62.
13–14	R.C.A.M.C. drill with prepared stretchers.	R.A.M.C. Training, paras. 63-65.
15–16	Collecting wounded.....	R.A.M.C. Training, paras. 67-68, 72-80.
17	Collecting and crossing obstacles..	R.A.M.C. Training, paras. 81-89.
18–19	Loading and unloading Amb. vehicles.	R.A.M.C. Training, paras. 69-71.
20	R.C.A.M.C. Ceremonial Drill and Field Ambulance Drill.	R.A.M.C. Training, Chap. IV-VI.
21–22	Company Drill.....	
23	Word of Command, Drill.....	I.T. Vol. I, Sec. 21.
24	Anti-Gas Training.....	R.A.M.C. Training, Chap. XVIII.
25	Anatomy and physiology.....	R.A.M.C. Training, Chap. XXIII.
26	Bandages and bandaging.....	R.A.M.C. Training, Chap. XXIV.
27	Wounds and their treatment..... Antisepsis and Asepsis.	R.A.M.C. Training, Chaps. XXV and XXVI.
28	Dressing and healing of wounds.. The First Field Dressing.	R.A.M.C. Training, Chaps. XXVII and XXVIII.
29	Haemorrhage.....	R.A.M.C. Training, Chap. XXIX.
30	Fractures and their treatment....	R.A.M.C. Training, Chap. XXX.
31	Sprains and dislocations..... Burns and scalds.	R.A.M.C. Training, Chaps. XXXI and XXXII.
32	Shock..... Loss of consciousness. Fits and effects of heat.	R.A.M.C. Training, Chap.XXXII
33	Suffocation and electric shock.... Drowning and artificial respiration.	R.A.M.C. Training, Chaps. XXXIV and XXXVII.
34	Effects of cold..... Foreign bodies in the eye and ear.	R.A.M.C. Training, Chaps. XXXV and XXXVI.
35	Poisoning.....	R.A.M.C. Training, Chap. XXXVIII.
36	Surgical instruments and appliance.	R.A.M.C. Training, Chap. XXXIX.

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Sergeants—Con.

In preparation for Practical Examination

Period	Detail	Reference
	SQUAD DRILL WITHOUT ARMS—*con.*	
37	Nursing and management of wards	R.A.M.C. Training, Chaps. XL-XLII.
38	Nursing of bed patients..... Observation of the sick.	R.A.M.C. Training, Chaps. XLIII and XLIV.
39	Medicaments and their administration.	R.A.M.C. Training, Chap. XLV.
40	Enemeta..... Remedial applications. Baths, packs, etc.	R.A.M.C. Training, Chaps.XLVI-XLVIII.
41	Complications of medical cases...	R.A.M.C. Training, Chap. XLIX.
42	Nursing and surgical and infectious cases.	R.A.M.C. Training, Chaps. L and LI.
43	Food—Methods of cooking.....	R.A.M.C. Training, Chaps. LII-LV.
44	Hospital dietary and cooking..... Serving, etc.	R.A.M.C. Training, Chaps. LVI-LIX.
45	Collection and evacuation of casualties.	R.A.M.C. Training, Chap. XIII.
46	Care of patient.....	R.A.M.C. Training, 1935, paras. 72-80.
47	Crossing obstacles..... Exposure to Gas.	R.A.M.C. Training, 1935, paras. 81-89.
48–51	Field Medical Equipment and First Field Dressings.....	Field Service Manual. Med. Serv. R.A.M.C.T. Chap. XXVIII.
52	Military Hospital, routine, etc....	Instructions for C.M.S.
53	Observation of sick and nursing...	R.A.M.C. Training, Sec. X.
54	Hospital records.....	Instructions for C.M.S.
	Records in the field.....	R.A.M.C.T. Chap. XIV.
55	Camps, bivouacs and billets.....	R.A.M.C.T. Chap. IX.
56	Field cooking and construction of ovens, etc.	R.A.M.C.T. Chap. X. F.S.P.B. Chap. VII.
57	Construction of latrines and urinals	Army Manual of Hygiene and Sanitation, Chap. VIII. F.S.P.B. Chap. II, Sec. 51. " "
58	Construction of incinerators.....	
59	Construction of disinfectors.....	Army Manual of Hygiene and Sanitation, Chap. XI.
60	Disposal of nuisances, manure, dead animals, etc.	Army Manual of Hygiene and Sanitation, page 80, and Chap. VIII.
61	Water supply and collection of samples.	Army Manual of Hygiene and Sanitation, Chap. IV.
62	Cases, water testing, and sterilization.	Army Manual of Hygiene and Sanitation, App. IV.
63	Hygiene Organization.....	Army Manual of Hygiene and Sanitation, Chap. XIII.
64	Personal and Collective Hygiene..	Army Manual of Hygiene and Sanitation, Chaps. II-III, VI and VII.
65	March discipline..... Hygiene of the march.	Army Manual of Hygiene and Sanitation, Chap. IX. I.T. Vol. I, Secs. 125-126 and 128-129.

R.C.A.M.C.

Sergeants—Con.

In preparation for Practical Examination

Period	Detail	Reference
	MAP READING	
66	Maps, Scales and Conventional Signs (Review).	Manual Map Reading Chaps. II-IV
67	Contours and hill features (Review).	" " Chap. V.
68	Co-ordinates and References (Review).	" " Chap. VII.
69	Practical problems in the form of a map exercise.	" " generally.
70–73	Tactical exercise to illustrate practical use of maps.	" " "
74–90	Recapitulation and exercises.	

R.C.A.M.C.

Nursing Sisters

In preparation for 1st Examination paper

Period	Detail	Reference
1	Dress Regulations and Field Equipment for Nursing Sisters.	Dress Regulations. Instructions for members of Canadian Army Medical Corps, Nursing Service.
2	Dress Regulations for N.C.Os. and men.	Regulations and Instructions for the Clothing of the Non-Permanent Active Militia, 1928.
3– 4	Injuries and Diseases peculiar to War.	Army Manual of Hygiene and Sanitation, Chaps. I and XII.
5	Regulations affecting the Army Nursing Service and relations of Nursing Sisters to Warrant Officers Nursing Staff and patients.	Instructions for C.M.S. Regulations for the Medical Service of the Army, para. 202 et seq.
6	Responsibility of Nursing Staff as to Equipment, Bedding and Linen.	Instructions for C.M.S.
7	The distribution of duties of Nursing Personnel in hospitals in Peace and War. Proportion of Staff to patients.	War Establishments. Field Service Manual for the Medical Services. Official History Medical Services, Gen. Hist. Vol. II, Chap. VII, Vol. I, pp. 6, 34, 45, 59, 63, 234.
8– 9	General Organization of Medical Service in Peace and War.	F.S.R. Vol. I, Sec. 68, Chap. XV. R.A.M.C.T. Chaps. XI to XV.
10	Voluntary Aid Societies in Peace and War and relation to the Army.	R.A.M.C.T. Chap. XXI.
11	Army Sanitation in Peace and War.	Army Manual of Hygiene and Sanitation.
12	Geneva Convention..... Titles of Officers, etc.	R.A.M.C.T. Chap. XXII.
13	Nursing in War Hospitals, Hospital Ships, Ambulance Trains, Casualty Clearing Stations, etc.	Official History Medical Services. General History, Vol. IV, pp. 61, 101, 104, 212, 255, 260, 336, 355, 358, 404, 492 and 532.
14	Duties of Matrons and Nursing Sisters.	Instructions for C.M.S.
15	Personnel of Hospitals and their duties.	War Establishments. Field Service Manual, Med. Services.
16	Sanitation of all premises under charge of Nurses.	Army Manual Hygiene and Sanitation.
17	The Supervision of Nursing Quarters and Domestic Economy.	Instructions for members of Canadian Army Medical Corps Nursing Service.
18	Organization of Nursing Administrative Staff, Matron-in-Chief, Matron and relation to Medical Staff.	Instructions for members of Canadian Army Medical Corps Nursing Service.

R.C.A.M.C.

Nursing Sisters

In preparation for Practical Examination

Period	Detail	Reference
1	Stewards Stores..... Method of Requisition. Issue and Accounting.	Standing Orders, R.C.A.M.C.
2	Quartermaster Stores, Linen..... Method of Requisition, issue and accounting.	" "
3– 4	Medical Stores..... Method of Requisition, issue and accounting. Inspection of panniers.	" "
5	Method of conducting official correspondence and keeping of records, diet sheets, case history sheets, etc.	K.R. Can., Sec. XIV. Standing Orders, R.C.A.M.C. Instructions for C.M.S.
6	Precautions necessary in Nursing Infectious diseases and Gas cases.	R.A.M.C.T. Chap. LI.
7	Chemical warfare and hospital problems dependent thereon.	Manual of Medical Aspects Chemical Warfare, Chap. X. Man. Treatment Gas Casualties, paras. 123 and 130-136. R.A.M.C.T. Sec. 5.
8	Practical—Demonstration of Military Hospital, Routine, Records, etc.	

R.C.A.M.C.

Lieutenant to Captain

In preparation for 2nd Written Examination

Period	Detail	Reference
1– 3	Organization of the Medical Services.	F.S.R. Vol. I, Chap. XV. Instr. R.C.A.M.C. and C.A.D.C. 1937, Sec. 1.
4	Squad. and Coy. Drill.....	Man. of Elementary Training (All Arms).
5– 7	Evacuation of Wounded. Disposal of Casualties. Units Concerned.	R.A.M.C. T. Chaps. XIII and XX.
8	Corps Exercises without Stretchers	R.A.M.C. T. Paras. 52-59.
9–11	Employment of Medical Services and Medical Arrangements for formations in the field.	R.A.M.C. T. Chaps. XII, XIV and XV. F.S.R. Vol. I, Chap. XV.
12	Corps Exercises, closed stretchers.	R.A.M.C. T. Paras. 55-62.
13–15	Siting of R.A.P. and Dressing Stations. Types of enemy interference to be met with in various areas. Disposal of personnel and stretcher bearers in action. Review Evacuation.	R.A.M.C. T. Chaps. XII, XIII and XV. F.S.R. I, Chap. XV. Field Service Manual for Med. Services.
16	Corps Exercises, open stretchers...	R.A.M.C. T. Paras. 63-71.
17–19	Detail of duties of Medical Officer in charge of a hospital. General knowledge of clerical and Quartermaster's duties. Medical Boards.	Instructions for R.C.A.M.C. and C.A.D.C. 1937.
20	Squad. and Coy. Drill..... Mutual Instruction.	Man. of Elementary Training (All Arms).
21–23	*Chemical Warfare*— (1) Defensive Measures..... (2) Medical Organization. (3) Treatment and Disposal of Gas Casualties.	Defence Against Gas. Tactical Notes on Defence against Gas. Manual of Medical Aspects of Chemical Warfare. Manual of Treatment of Gas Casualties. R.A.M.C. T. Sec. 5.
24	Corps exercises without stretchers. Mutual Instruction.	R.A.M.C. T. Paras. 52-59.
25–27	Chemical Warfare continued.....	Manuals.
28	Corps exercises with closed stretchers. Mutual Instruction.	R.A.M.C. T. Paras. 55-62.
29–31	*Sanitation.*—Environment. Communicable Diseases. Food. Water Supply.	Army Manual of Hygiene and Sanitation, Chaps. I-V.
32	Corps exercises with open stretchers. Mutual Instruction.	R.A.M.C. T. Paras. 63-71.
33–35	Sanitation in Barracks, etc., and in the field.	Army Manual of Hygiene and Sanitation, Chaps. VI-VIII.
36	Collection of wounded.....	R.A.M.C. T. Paras. 72-80.
37–39	Hygiene of the march and Personal Hygiene. Animal carriers of disease. Disinfection and disinfestation.	Army Manual of Hygiene and Sanitation, Chaps. IX-XI.

Lieutenant to Captain—Con.

In preparation for 2nd Written Examination

Period	Detail	Reference
40	Collection of wounded. Mutual Instruction.	R.A.M.C. T. Paras. 72-80.
41–43	Important diseases and their prevention.	Army Manual of Hygiene and Sanitation, Chaps. XII-XIII.
	Hygiene Organization in the Army. Review.	
44	Crossing Obstacles with patients. Gas.	R.A.M.C. T. Paras. 81-89.
45	Voluntary Aid and Geneva Convention.	M.M.L. Chap. XIV and App. 3, 4, 23. R.A.M.C. T. Secs. 7-8.

R.C.A.M.C.

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
1– 3	Object of Company Drill..... Squad and Company Drill.	I.T. Vol. I, Sec. 105. Manual of Elementary Drill (All Arms).
4	Documentation Med. Services, Peace time.	Instructions R.C.A.M.C. and C.A.D.C. 1937, Apps. XIV and LX.
5– 7	Stretcher Exercises.....	R.A.M.C. T. Chap. VII.
8	Med. Documents Admission to Hosp.	Instructions R.C.A.M.C. and C.A.D.C. 1937.
9–11	Stretcher Exercises (cont'd).....	R.A.M.C. T. Chap. VII.
12	Med. Documents. Injuries.....	K.R. Can. 647, 648. P. & A. Regs. Arts. 298-306. Instr. R.C.A.M.C and C.A.D.C. 1937.
13–15	Collection of Wounded.....	R.A.M.C. T. Chap. VII.
16	Rations. Hospital Diets and Accounting.	P. & A. Reg. App. III.
17–19	Transport of Wounded and crossing obstacles.	R.A.M.C. T. Chap. VII.
20	Med. Stores. Indents, etc.....	Instructions R.C.A.M.C. and C.A.D.C. 1937.
21–23	Ceremonial Drill. Formation and Movements of Fd. Ambulances.	R.A.M.C. T. Chap. V.
24	Training of S.B's. Water details, etc.	Standing Orders R.C.A.M.C. and R.A.M.C.
25–27	Field Medical Equipment.....	Field Service Manual for Med. Services. Instructions R.C.A.M.C. and C.A.D.C. 1937.
28	Medico Military Problems.....	Official History.
	(a) War Surgery.....	Current Literature.
29–31	Organization of Fd. Ambs. and Cav. Fd. Ambs.	War Establishments. Field Service Manual for Medical Services.
32	Medico Military Problems.....	Official History.
	(b) War Psychoses.....	Current Literature.
33–35	Organization and Duties. Fd. Hyg. Section.	War. Establishments. R.A.M.C. T. Paras. 274, 320. Army Manual of Hygiene and Sanitation, Chap. XIII.
36	Medico Military Problems.....	Official History.
	(c) Bacterial Warfare.....	Current Literature.
37–39	Camps, Bivouacs and Billets.....	R.A.M.C. T. Chap. IX. F.S.R. Vol. I, Chap. XVI. F.S.P.B. Chap. VII. Army Manual of Hygiene and San., Chap. VII.
40	Medico Military Problems.....	Official History.
	(d) Epidemiology.....	Current Literature.
41–43	Field Cooking and Dietary.....	R.A.M.C. T. Chap. X. Army Manual of Hygiene and San., Chap. V. F.S.P.B. Chap. VII.

R.C.A.M.C.

Lieutenant to Captain—Con.

In preparation for Practical Examination

Period	Detail	Reference
44	Sanitary Rules for Cook-houses. Prevention of Scurvy.	Army Manual of Hygiene and San., Apps. 8 and 9.
45–47	Water Supplies.....	Army Manual of Hygiene and San., Chap. IV F.S.P.B. Sec. 34. F.S.R. Vol. I, Secs. 68 and 153.
48	Cases Water Testing Sterilization and Unit Arrangements.	Army Manual of Hygiene and San., App. 4. Field Service Manual Med. Services, App. 26.
49–51	Water Purification.....	Army Manual of Hygiene and San., Apps. 5-7. R.A.M.C. T. Sec. 158.
52	Cases Water Testing Poison.....	Army Manual of Hygiene and San., Chap. IV. Field Service Manual Med. Services, App. 27.
53–55	Regimental Med. Establishments, Med. Units and their duties.	War Establishments. Field Service Manual Med. Services. R.A.M.C. T. Chap. XII.
56	Venereal Disease Problem in the Army.	Army. Manual of Hygiene and San. pp. 200-202. Memoranda on Venereal Diseases 1936. Official History. Current Literature.
57–59	Evacuation of Casualties.....	F.S.R. Vol. I, Chap. XV. R.A.M.C. T. Chap. XIII.
60	Characteristics of Special Arms e.g. Mobile troops.	F.S.R. Vol. II, Chap. II. R.A.M.C. T. 354-364. Precis by Col. Langford Lloyd on Med. Arrangements for Cavalry.
61–63	Employment of Med. Services in the Field.	R.A.M.C. T. Chap. XV.
64	Records, Reports, Returns of Casualties.	R.A.M.C. T. Chap. XIV. F.S.R. Vol. I, App. III.
65–67	Appreciations, Orders and Instructions.	R.A.M.C. T. Chap. XVI. F.S.R. Vol. II, Chap. II. Training Regulations, Sec. 22.
68	Intercommunication, Message writing exercises.	F.S.R. Vol. II, Secs. 16-20. F.S.P.B. Sec. 12.
69–71	Chemical Weapons and their Effects.	R.A.M.C. T. Chap. XVII. Appropriate Manuals.
72	Siting of Dressing Stations, etc., and their protection.	R.A.M.C. T. F.S.R. F.S.P.B.
73–75	Defensive Measures against Chemical Weapons.	R.A.M.C. T. Chap. XVIII. Appropriate Manuals.
76	Selection of Recruits.....	Instructions for R.C.A.M.C. and C.A.D.C. 1937. Regs. for the Medical Services of the Army.
77–79	Gas Casualties: Classification, Pathology, Disposal.	R.A.M.C. T. Chap. XIX. Appropriate Manuals

Lieutenant to Captain—Con.

In preparation for Practical Examination

Period	Detail	Reference
80	Ancillary Services—Dental, Nursing.	Instructions for R.C.A.M.C. and C.A.D.C. 1937. Regs. for the Medical Services of the Army. Official History.
81–83	Transport of Wounded.....	R.A.M.C. T. Sec. 6.
84	Relation to Staff, Co-operation with other Services, etc.	K.R. Can. F.S.R.
85–87	Field Sanitary Appliances.....	Army Manual of Hygiene and San., Chap. VIII.
88	Disinfection and Disinfestation...	" Chap. XI.
89	Animal Carriers of Disease.....	" Chap. X.
90	Important Diseases and their Prevention. Hygiene Organization.	" Chaps. XII, XIII.

R.C.A.M.C.

Captain to Major

In preparation for Practical Examination

Period	Detail	Reference
1– 3	Squad and Coy. Drill.....	Manual of Elementary Training (All Arms).
	Stretcher Drill.	R.A.M.C. T. Chap. VII.
4	Organization of Medical Services..	F.S.R. Vol. I, Chap. XV.
		Instructions for R.C.A.M.C. and C.A.D.C. 1937, Sec. 1.
5– 7	Drill cont'd.....	R.A.M.C. T. Chap. VII.
8	Organization Canadian Militia....	K.R. Can.
	Relation to Staff—Other Arms and Services.	F.S.R.
9–11	Collecting and Transport of Wounded. Obstacles.	R.A.M.C. T. Chap. VII.
12	Medical Documentation.....	Instructions for R.C.A.M.C. and C.A.D.C. 1937.
	Admission to hospital.	
13–15	Ceremonial Drill.....	R.A.M.C. T. Chaps. IV-VI.
	Fd. Amb. Drill.	
16	Medical Documentation. Injuries.	Inst. R.C.A.M.C. and C.A.D.C. 1937.
		K.R. Can. 647, 648.
		P. & A. Regs. 298-306.
17–19	Field Medical Equipment.....	Inst. R.C.A.M.C. and C.A.D.C. 1937.
		Field Service Manual Medical Services.
20	Discipline *(a)* Military Hospital...	K.R. Can.
	(b) Medical Unit.....	Manual Military Law.
21–23	Field Ambulance Establishment, Training Duties.	War Establishments. Field Service Manual Medical Services.
		R.A.M.C. T. Sec. 4.
24	Medico Military Problems.....	Official History.
	(a) War Surgery.....	Current Literature.
25–27	Field Hygiene Section Establishment, Training Duties.	War Establishments.
		Army Manual of Hygiene and Sanitation.
28	Medico Military Problems.....	Official History.
	(b) War Psychoses.....	Current Literature.
29–31	Casualty Clearing Station Establishment, Training Duties.	War Establishments.
		Field Service Manual Medical Services.
		R.A.M.C. T. Sec. 4.
		F.S.R. I, Chap. XV.
32	Medico Military Problems.....	Official History.
	(c) Bacterial Warfare.....	Current Literature.
33–35	Camps and Bivouacs.....	R.A.M.C. T. Chap. IX.
	(a) Medical Units, *(b)* Generally.	Army Manual of Hygiene and San., Chap. VII.
36	Medico Military Problems.....	Official History.
	(d) Epidemiology.....	Current Literature.
37–39	Water and Food Supply.....	Army Manual of Hygiene and San.
40	Sanitary Rules for Cook-houses...	" "
	Prevention of Scurvy.	
41–43	Personal Hygiene. Clothing Disinfestation. Disinfection.	" "

Captain to Major—Con.

In preparation for Practical Examination

Period	Detail	Reference
44	Characteristics of Special Arms, e.g. Mobile Troops.	F.S.R. Vol. II, Chap. II. R.A.M.C. T. 354, 364. Precis by Col. Langford Lloyd on Med. Arrangements for Cavalry.
45–47	Conservancy..... Field Kitchens, Incinerators. etc.	R.A.M.C. T. Chap. X. Army Manual of Hygiene and San.
48	Venereal Disease Problem in the Army.	Army Manual of Hygiene and San., pp. 200-202. Memoranda on Venereal Diseases. Official History. Current Literature.
49–51	Selection of recruits..... Administration and Training of Med. Unit.	Inst. R.C.A.M.C. and C.A.D.C. 1937. Regs. for Med. Services of the Army. Official History. R.A.M.C. T. K.R. Can.
52	Siting and construction of Dressing Stations, etc.	R.A.M.C. T. F.S.R. F.S.P.B.
53–55	Records, Reports, Returns of Casualties.	R.A.M.C. T. Chap. XIV. F.S.R. Vol. I, App. 3. Inst. for R.C.A.M.C. and C.A.D.C 1937.
56	Equipment, Duties, Discipline, etc., of Regimental Medical Officer.	Field Service Manual Med. Services. R.A.M.C. T. K.R. Can.
57–59	Administration of Military Hospital.	Inst. for R.C.A.M.C. and C.A.D.C 1937. R.A.M.C. T. K.R. Can.
60	Estimate of Casualties and time required for evacuation. Transport of wounded.	R.A.M.C. T. Chaps. XIII and XX.
61–63	Employment of Medical Services in the Field.	R.A.M.C. T. Sec. 4. F.S.R. I, Chap. XV.
64	Supplies and Stores, Indents, Med. Ordnance. Engineer.	Appropriate Manuals, etc.
65–67	Appreciations, Orders and Instructions.	R.A.M.C. T. Chap. XVI. F.S.R. Vol. II, Chap. II. Training Regs. Sec. 22.
68	Intercommunication.....	F.S.R. Vol. II, Secs. 16-20. F.S.P.B. Sec. 12.
69–71	Chemical Weapons and their Effects.	R.A.M.C. T. Sec. 5. Manuals of Chemical Warfare.
72	Supply Services, Repair to Vehicles.	F.S.R. Vol. I, Chap. XIV.
73–75	Pathology and Treatment of Casualties from Chemical Warfare.	Appropriate Manuals.
76	Disposition of Fd. Amb. Personnel under various conditions. *(a)* Stationary, B.C.P. etc. *(b)* Attack. *(c)* Retirement. *(d)* Unit transport.	R.A.M.C. T. F.S.R.

Captain to Major—Con

In preparation for Practical Examination

Period	Detail	Reference
77–79	T.E.W.T. Division Advancing and Encounter battle.	
80	Writing Operation Order.....	F.S.R. II, Chap. II. R.A.M.C. T. Chap. XVI.
81–83	T.E.W.T. Deliberate Attack.	
84	Writing Standing and Routine Orders.	
85–87	T.E.W.T. Division retiring Administrative Instructions.	
88–90	T.E.W.T.	

ORDNANCE CORPS

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	DRILL AND SMALL ARMS SQUAD DRILL	
1– 2	Recapitulation of Squad Drill with Arms. Marching at the "Slope". "Fix" and "Unfix" Bayonets.	I.T. Vol. I, Secs. 57-70, 79 and 101.
	PLATOON DRILL	
3– 4	Forming up..... Marching in line, file. Forming fours. Marching in fours.	I.T. Vol. I, Chap. VI.
5– 6	The platoon in Company Drill....	I.T. Vol. I, Chap. VII.
	SMALL ARMS TRAINING	
7	Care and cleaning of the Rifle.... Aiming Instruction. Firing Instruction.	S.A.T. Vol. I, Secs. 19-34.
8	Application of fire.....	S.A.T. Vol. I, Chap. V.
	ORGANIZATION AND ADMINISTRATION	
9–10	The constitution, training, organization and equipment of a R.C.O.C. Unit, (Peace).	G.O. 181, 1936. G.O. 50, 1938. Standing Orders for R.C.O.C. Scales of Issue, authorized M.O. 81 of 1937.
11–12	War Organization, Ordnance Services.	Ordnance Manual, War, Sec. 2.
13	Duties, Commanding Officers..... Duties, Ordnance Officers. Duties, N.C.O's.	K.R. Can. Paras. 46-49. Instructions for Canadian Ordnance Services.
14–15	Organization of an Ordnance Depot as regards offices, storehouses and workshops.	Instructions for Canadian Ordnance Services.
16	Definitions of the various forms and terms in general use in Ordnance routine.	I.C.O.S. Regulations for Clothing, Pt. I. " " N.P.A.M. Equipment Regulations, 1930. Scales of Issue of Bk. Equipment.
17–18	Indents, registration and checking of same. Issue Orders from D.O.S.	I.C.O.S.
19–20	Issue of Stores, Issue Vouchers, Packing Notes, and Shipping Bills.	" "

Period	Detail	Reference
	ORGANIZATION AND ADMINISTRATION—*con.*	
21–22	Receipt of stores from troops, dealing with authority for return of stores, Receipt Vouchers, Examination certificates, Discrepancy Reports and methods of adjustment of discrepancies; Register of Receipt Vouchers.	Regulations and Instructions for Equipment of Canadian Militia, 1930. I.C.O.S.
23–24	Repairs to stores and expenditure of material dealing with Repair indents, Expense Vouchers, Transfer Vouchers, Certificate Issue and Receipt Vouchers.	I.C.O.S. Appendix X.
25–27	Accounting—N.P. Units Accounts.	Equipment Regulations, 1930, Paras. 436-485. I.C.O.S. Appendix XVII.
28–29	Camp Accounts, including system of issue and receipt of stores at Camps.	I.C.O.S. Paras. 518-522. Equipment Regulations 1930, Para. 327-346.
30–32	Ordnance Station Ledgers, dealing with posting and balancing of storehouse tally sheets, balancing and closing an account.	I.C.O.S. Paras. 485-513 and App. XV.
33	Registration and filing correspondence.	Local instructions.
34–35	Provision of stores, clothing and equipment, dealing with dues in and dues out sheets and intermediate demands.	I.C.O.S. Paras. 389, 393-399 and 404-410.
36–37	Care, custody and preservation of stores, clothing and equipment.	I.C.O.S. Paras. 155-166 and 194-257. Clothing Regulations, Pt. I, Paras. 193-201. Equipment Regulations, Paras. 381-402. Clothing Regulations, N.P.A.M. Paras. 79-89.
38	Stocktaking in Ordnance Depots.	I.C.O.S. Paras. 550-563.
39	Local Purchase	I.C.O.S. Paras. 411-412-A and App. XVI.
40	Markings (generally)	I.C.O.S. pp. 266-273 and 371-375. Equipment Regulations, pp. 415-433. Clothing Regulations, N.P.A.M. Para. 92.
41	Ordnance Services in the Field—provision.	Ordnance Manual, War, Secs. 25-29.
42–43	Lay-out as a Base Ordnance Depot (Stores).	Ordnance Manual, War. Sec. 35.
44	Ordnance Services in the Field—Routine procedure in Stores Depots.	Ordnance Manual, War, Secs. 40-41.

2nd Lieutenant to Lieutenant—Con.

In preparation for Practical Examination

Period	Detail	Reference
	ORGANIZATION AND ADMINISTRATION—*con.*	
45	Returned Stores Depot	O.M.W. Sec. 45.
46	Maintenance in Front of Railhead.	O.M.W. Secs. 50-55.
47–48	Ammunition; accounting for expenditure.	O.M.W. Sec. 64.
49–51	Care and Custody of Stores	(As for period No. 36-37.)
52–54	Issue of Stores, Clothing and Equipment.	(As for period No. 17-18.)
55–57	Receipt of Stores, Clothing and Equipment.	(As for period No. 21-22.)
58–60	Storehouse and Office Accounting.	(As for period No. 30-32.)
61–63	Non-Permanent Units Accounts	(As for period No. 25-27.)
64–65	Provision (elementary)	(As for period No. 34-35.)
66–67	Local Purchase	(As for period No. 39.)
68–70	Repair of Stores	(As for period No. 23-24.)
71–72	Expenditure of Material	" "
73–75	Stocktaking	(As for period No. 38.)
76–77	Office Correspondence	(As for period No. 33.)
78–90	Recapitulation.	

VETERINARY CORPS

Lieutenant to Captain

In preparation for Practical Examination

Period	Detail	Reference
	DRILL AND USE OF EQUIPMENT	
1 to 6	Squad Drill	As for Cavalry.
7 to 13	Horsemastership	"
14	Signals	"
15 to 16	Troop Drill General	"
17 to 22	Squadron Drill General	"
	ARMY VETERINARY DUTIES	
24 to 26	Organization of C.A.V. Services and Administration in War.	C.A.V.S. Lecture No. 8.
27 to 29	Organization of C.A.V. Services and Administration in Peace.	C.A.V.S. Regulations, 1923, Paras. 1-6 and 8-9.
30 to 31	Duties of Executive Veterinary Officers, in War.	C.A.V.S. Lecture No. 2.
32 to 33	Duties of Executive Veterinary Officers, in Peace.	C.A.V.S. Regulations, 1923, Paras. 26-36.
34	Veterinary Drugs and Supplies, War.	C.A.V.S. Lecture No. 8.
35	Veterinary Drugs and Supplies, Peace.	C.A.V.S. Regulations, 1923, Paras. 67-70.
36	Care of Veterinary Drugs and Supplies, dangerous drugs and antidotes.	C.A.V.S. Regulations, 1923, Paras. 73-75a and C.A.V.S. Lecture No. 10.
37 to 38	Examination of Horses for unsoundness.	C.A.V.S. Lectures Nos. 3, 12 and P. & A. Regulations 1937, Art. 287.
39 to 40	Types of Army Horses (all breeds)	C.A.V.S. Lecture No. 3.
41 to 42	Transportation of animals by land and sea.	Animal Management, 1933, Chap. IX.
43 to 44	Foods, Feeding and Watering	Animal Management, 1933, Chap. VI.
45	Inspection of Forage and reports	Animal Management, 1933, Chap. V.
46	Animal Management in the Field	Animal Management, 1933, Chap. VI.
47	Gas and effects on horse, and use of Respirators.	C.A.V.S. Lecture No. 5.
48	Bomb Protection	Animal Management, 1933, Chap. VI and C.A.V.S. Lecture No. 5.
49 to 51	Instruction in Shoeing, and Schools of Farriery.	Animal Management, 1933, and C.A.V.S. Lecture No. 5.
52	Clipping of animals in the Field	Animal Management, 1933, Chap. IV, pp. 64, 65 and 66.
53	Stable Construction	Animal Management, 1933, Chap. III.
54 to 55	Base Veterinary Hospitals	C.A.V.S. Lecture No. 9.
56	Convalescent Horse Depots	C.A.V.S. Lecture No. 9.
57	Mobile Veterinary Sections	C.A.V.S. Lecture No. 10.
58	Veterinary Evacuation Stations	C.A.V.S. Lecture No. 10.
59 to 60	Wounds	Animal Management, 1933, and C.A.V.S. Lecture No. 12.

VETERINARY CORPS

Lieutenant to Captain—Con.

In preparation for Practical Examination

Period	Detail	Reference
	ARMY VETERINARY DUTIES—*con.*	
61 to 62	Vaccines, Bacterines and Serums, as curative and prophylactic agents.	C.A.V.S. Lecture No. 12.
63	Evacuation of Animals (War).....	C.A.V.S. Lecture No. 10.
64 to 65	Treatment and disposal of sick and injured animals in Camps of Instruction.	Memorandum for Camps of Instruction, 1938. Administration, Paras. 66-67 and 112-117. P. & A. Regulations, 1937, Articles 310-320. C.A.V.S. Regulations, 1923, Para. 108.
66 to 67	Contagious Diseases.....	Animal Management, 1933, Chap. XI.
68 to 69	Minor injuries.....	Animal Management, 1933, Chap. VII.
70 to 71	Instructions for Veterinary Officers, Annual Training.	C.A.V.S. Lecture No. 7.
72 to 73	Sanitation of Stables and Camp horse lines.	Animal Management, 1933, Chap. VI.
74 to 75	Military Control of Contagious Diseases.	Animal Management, 1933, Chap. XI and C.A.V.S. Lecture No. 12.
76 to 77	Contagious Skin Diseases.....	Animal Management, 1933, Chap. XI, p. 318. Army Veterinary Services in War, by Sir John Moore, p. 76. C.A.V.S. Lecture No. 12.
78 to 79	Tropical Diseases.....	Animal Management, 1933, Chap. XI.
80 to 81	Requisitioning of Remounts and sources of supply, peace and war.	F.S.P.B. 1932, Chap. XII, Sec. 52. F.S.R. 1930, Chap. XIV, Sec. 91.
82 to 83	Management and Hygiene of horses on Line of March.	Animal Management, 1933, Chap. VI.
84	Disposition of Surgical Cases, War.	C.A.V.S. Lecture No. 10.
85	Motor Horse Ambulance in War...	C.A.V.S. Lecture No. 13.
86	Descriptive Roll of Horses, rendering of.	Memo. Camps of Instruction, Admn. 1938, Para. 40 *(a)*. C.A.V.S. Regulations, 1923, Paras. 110-111.
87 to 88	Claims for Death, Injury or Disease of horses, camp and post Camp Claims.	P. & A. Regulations, 1937, Art. 310 to 320, and C.A.V.S. Lecture No. 7.
89	Camp Veterinary Officers Reports at close of Camps of Instruction.	C.A.V.S. Lecture No. 7.
90	Training of R.C.A.V.C. Other Ranks.	Regimental Standing Orders of the R.C.A.V.C. and R.C.A.V.C. (N.P.) 1912. Training Regulations, 1934, Chap. II, Sec. 14.

POSTAL CORPS

2nd Lieutenant to Lieutenant

In preparation for 2nd Written paper

Period	Detail	Reference
1	History of Post Office in Canada—	Issued by Post Office Department Ottawa.
2	Rates of Postage	" "
3	Money Orders.... } Special Delivery. } Rules relating Registration..... } to.	" "
4	Duties of—*(a)* Supervisor..... } *(b)* Assistant Postmaster. }	" "
5	Organization of a Post Office.....	" "
6	Rules as to acceptability and marking of letters and packages.	" "
7	Organization of Post Office Services in Canada, and methods of transporting mails.	" "
8	Canada Official Postal Guide (1)..	" "
9	" " (2)..	" "
10	" " (3)..	" "
11	" " (4)..	" "
12	Geography Eastern Canada.....	School Geography. Imperial Military Geography (Cole). Some aspects of Imperial Communications (Wakeley).
13	Geography, Western Canada.....	" " "
14	Geography, Border States, U.S.A.	" " "
15	Geography, Remainder States, U.S.A.	" " "
16	Geography, Europe.....	" " "
17	Geography, Asia, British Empire.	" " "
18	Geography, Africa, British Empire.	" " "
19	Geography, Australasia.....	" " "
20	Geography, South America.....	" " "
21	Geography, Main Ocean Routes for mail.	" " "
22	" " "	" " "
23	Geography, Empire Air Mail Routes.	" " "
24–25	Report Writing.....	Recapitulation of above.

POSTAL CORPS

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	SQUAD DRILL	
1- 2	Recapitulation of Squad Drill with Arms. Marching at the "Slope". "Fix" and "Unfix" Bayonets.	I.T. Vol. I, Secs. 57-70, 79 and 101.
	PLATOON DRILL	
3- 4	Forming up..... Marching in line. Marching in file. Forming fours. Marching in fours.	I.T. Vol. I, Chap. VI.
5- 6	The Platoon in Company Drill....	I.T. Vol. I, Chap. VII.
	SMALL ARMS TRAINING	
7	Care and cleaning of the rifle..... Aiming instruction..... Firing instruction.	S.A.T. Vol. I, Secs. 19-34.
8	Application of fire.....	S.A.T. Vol. I, Chap. V.

PAY CORPS

2nd Lieutenant to Lieutenant

(Also applicable to qualification of Regimental Paymasters)

In preparation for 2nd Written paper

Period	Detail	Reference
1	Pay and Allowance Regulations—Scope of Book.	Rates and Conditions of Issue.
	Other Books and Regulations affecting Pay Services.	K.R. Can. Manual of Mil. Law, Regns. of various services (Supply and Transport, Ordnance, Medicals, Engineers, etc.).
2	Pay and Allowances, N.P.A.M.—Annual Training at Local H.Q.	P. & A. Regns. Parts XI and XV. Annual Training Circulars. Memo. for Camps of Instruction Current Year.
3	Pay and Allowances, N.P.A.M.—Camps of Instruction. Hire of Animals, etc.	P. & A. Regns. Parts XII, XIV, XV and as at 2 above.
4	Guards of Honour, Escorts, Salutes, etc.	P. & A. Regns. Part XIII. K.R. Can. 1476-1483.
5	Schools of Instruction—N.P.A.M.	P. & A. Regns. Parts VIII, XI and XV. Annual Policy of Training Circular.
6	Allowances, Grants, Bonuses, Gratuities and Miscellaneous Services. Injuries Hospitalization, etc.	P. & A. Regns. Parts XI, XII, XIV, XVI, and XVII.
7	Pay Sheets—Description of forms and instructions as to their compilation.	Financial Instructions.
8	Other Militia Forms applicable to Pay Services.	" "
9	Transport and Travelling Expenses, Claims, etc.	P. & A. Regns. Part VIII and N.D.H.Q. Circular Letters.
10	Daily Orders, Pts. I and II.....	K.R. Can.
	District Orders.	Financial Instructions.
	Militia Orders.	F.S. Letter No. 8–1931 and various other N.D.H.Q. Circular Letters.
	General Orders.	
11	Regimental Funds—Messes and Institutes.	Regns. for the Management of Messes and Institutes.

PAY CORPS

2nd Lieutenant to Lieutenant

In preparation for Practical Examination

Period	Detail	Reference
	SQUAD DRILL	
1- 2	Recapitulation of Squad Drill with Arms. Marching at the "Slope". "Fix" and "Unfix" Bayonets.	I.T. Vol. I, Secs. 57-70, 79 and 101.
	PLATOON DRILL	
3- 4	Forming up..... Marching in line. Marching in file. Forming fours. Marching in fours.	I.T. Vol. I, Chap. VI.
5- 6	The Platoon in Company Drill..	I.T. Vol. I, Chap. VII.
	SMALL ARMS TRAINING	
7	Care and cleaning of the Rifle. Aiming Instruction..... Firing Instruction.	S.A.T. Vol. I, Secs. 19-24.
8	Application of fire.....	S.A.T. Vol. I, Chap. V.

APPENDIX TO MILITIA ORDER No. 32 DATED 28-1-39

How to Qualify, 1938. Amendments (No. 1).

Page 3, Paragraph 2 (c), *insert* under Column 1:—

M.O. 32 / 1939 — "O.M.Es. of the R.C.O.C. will be required to qualify in the 1st Written Paper (Common to all arms, less tactics) (see K.R. Can. 838 as amended by G.O. 5 of 1939)".

Page 4, sub-para. (e) line 3, *delete* ", "after required and *insert* ". " Delete remainder of paragraph.

Page 7, sub-para (c) *insert* at end of paragraph:—

M.O. 32 / 1939 — "On a board where the President should be of the rank of Lt.-Colonel, if no officer of that rank is available, a Major may be appointed as President and the District Order convening the board should state 'No officer of the rank of Lt.-Colonel available' ".

Page 8, Paragraph 12 (c), line 2, *delete* "." and *insert* "and each branch of the arm."

Page 8, Paragraph 12, *insert* new sub-para. "(a)".

M.O. 32 / 1939 — "(d) In the case of candidates attending examinations, either written or practical, in a District other than their own, the officer convening the examination board, that is the District Officer Commanding in the District where the examination is conducted, will forward the results, in manuscript, to the District Officer Commanding the candidate's District, who will in turn prepare the M.F.B. 1434, etc."

Page 9, Paragraph 16, *insert* new sub-para. "(c)"—

M.O. 32 / 1939 — "(c) Qualification for rank as Regimental Paymaster will be the same as that laid down for the rank of Lieutenant C.A.P.C., *i.e.* 1st Paper Common, 2nd Paper Special, C.A.P.C. and Practical, C.A.P.C., all as for 2nd Lieutenant to Lieutenant."

P. & S. Entry 906.
5200—1-39.

Page 11, Period 23, column 2, *delete* "and Demolitions".

Page 12, line 3, *for* "2nd Examination paper" *substitute* "1st Examination paper".

Column 3, *for* "Sec. 79" *substitute* "Sec. 69".

Page 14, column 3, *delete* "P. & A. Regns. Art. 304, 330".

Page 39, column 3, *delete* "R.A.S.C. Training Pt. IV C. 1925" and *substitute* "Handbook of Driving and Maintenance of M.T. Vehicles (Wheeled) 1937".

Page 102, line 3, *delete* "1st Examination paper" and *substitute* "2nd Examination paper".

Page 117, *insert* at bottom of page—

26 Object and general organization Army Postal Service in War.—Manual of Army Postal Services, War, 1937, Chap. I. **M.O. 32 1939**

27-28 Responsibilities and duties Postal Corps Officers and N.C.Os.—Manual of Army Postal Services, War, 1937, Chap. II.

29 Routing of Mails.—Manual of Army Postal Services, War, 1937, Chap. III.

30-32 Duties of postal orderlies. Miscellaneous. General accounting instruction —Manual of Army Postal Services, War, 1937, Chap. IV.

(H.Q. 245-5-9)

APPENDIX TO MILITIA ORDER No. 152 DATED 13-5-39

How to Qualify, 1938. Amendments (No. 2)

Page 3—

Paragraph 2 (b), column 2, after "Engineers" *insert* "(less Surveys)".

Paragraph 2 (c), column 2, after "Engineers" *insert* "(less Surveys)".

Page 5—

Paragraph 3 (c), line 4, *delete* "." and *insert* " or must satisfy the District Signal Officer that they have a thorough knowledge of the items laid down in the Qualification Sheet for Class II qualification in any one of the following trades:—

(a) Lineman,
(b) Despatch Rider,
(c) Operator (Signals),
(d) Electrician (Signals)."

Paragraph 4, cancel sub-para. (d).
Paragraph 5, cancel sub-para. (d).

Pages 60 to 67 inclusive—

In the heading for "Engineers" *substitute* "Engineers (less Surveys)".

Page 63—

Add new syllabus as follows:—

"Engineers—(Surveys).

2nd Lieutenant to Lieutenant.

In preparation for Practical Examination.

Adjustment and operation of theodolites and levels, including running and computation of closed traverse, with levels.

P. & S. Entry 932.
5200–5–39.

Page 63—*Conc.*

Enlarging a map, doing single-line lettering, vertical and sloping.

Plot P.P. traverse of 12 air photographs, including putting on base lines. Plot detail from photos, including plot of hilly country in epidiascope.

Working knowledge of ste eoscopy including parallax, tilt estimation, contouring and extending height control.

Plane tabling at 1/31680, with 25′ contours.

Knowledge of map projections and Modified British Grid.

General knowledge of the possibilities and limitations of map draughting, process photography, zincography and lithography."

Page 66—

Add new syllabus as follows:—

"Engineers—(Surveys).

Lieutenant to Captain.

In preparation for Practical Examination.

Detailed knowledge of control work, topography, surveying from air photographs, map draughting, process photography, zincography, lithography and the capabilities of a Fd. Survey Coy."

Page 68—

Under "Period" *delete* "1", "2 to 3" and "4 to 12", *delete* the particulars opposite thereto under "Detail" and *substitute:*—

Period	Detail
"1-12	Squad, section and rifle drill."

Page 71—

Under "Period" *delete* "1", "2-10" and "11-12", *delete* the particulars opposite thereto under "Detail" and "References" and *substitute:*—

Period	Detail	References
"1-12	Section and Company Drill. Field Formations.	E.T. 1937, Secs. 31 to 40 incl."

Page 73—

Under "Period" *delete* "1-10" and "11-12", *delete* the particulars opposite thereto under "Detail" and "References" and *substitute:*—

Period	Detail	References
"1-12	Section and Company Drill. Field Formations.	E.T. 1937, Secs. 31 to 40 incl."

Pages 115 and 116—

Cancel the syllabuses shown and *substitute* the following:—

VETERINARY CORPS

LIEUTENANT TO CAPTAIN

In preparation for Practical Examination

Period	Detail	Reference
	DRILL AND USE OF EQUIPMENT	
1 to 6	Squad Drill	As for Cavalry.
7 to 13	Horsemastership	"
14	Signals	"
15 to 16	Troop Drill General	"
17 to 23	Squadron Drill General	"

Pages 115 and 116—*Con.*

VETERINARY CORPS—*Con.*

LIEUTENANT TO CAPTAIN—*Con.*

Period	Detail	Reference
	ARMY VETERINARY DUTIES	
24 to 26	Organization of C.A.V. Services and Administration in War.	Precis.
27 to 29	Organization of C.A.V. Services and Administration in Peace.	"
30 to 31	Duties of Veterinary Officers in War.	"
32 to 33	Duties of Veterinary Officers in Peace.	"
34	Veterinary Drugs and Supplies (War).	Regulations, C.A.V.S. Mobilization Instructions for the Can. Militia.
35	Veterinary Drugs and Supplies (Peace)	Regulations for C.A.V.S. Precis.
36	Care of Veterinary Drugs, Narcotics and poisons.	Regulations for C.A.V.S. Precis.
37 to 38	Examination of Horses for Soundness.	Precis.
39 to 40	Army Remounts—Source of Supply.	Precis.
41 to 42	Transportation of Animals by Land and Sea.	Animal Management, Chap. IX. Precis.
43 to 44	Foods, Feeding and Watering.....	Animal Management, Chap. VI.
45	Inspection of Forage.....	Animal Management, Chap. V. Precis.
46	Animal Management in the Field.	Animal Management, Chap. VI.
47	Chemical Warfare—Gas Effects on Animals.	Manual of Horsemastership, Chap. I, Sect. 13.
48	Bomb Protection.....	Animal Management. Chap. VI.
49 to 51	Instruction in Shoeing and Schools of Farriery.	Precis.
52	Clipping of Animals in the Field..	Animal Management, Chap. VI. Precis.
53	Stable Construction.....	Animal Management, Chap. III.
54 to 56	Base Veterinary Hospitals and Convalescent Horse Depots.	Field Service Regs., Chap. XV. Precis.
57	Mobile Veterinary Sections.....	Precis.
58	Veterinary Evacuation Stations...	Precis.
59	Mange Hospitals.....	Precis.
60	Surgical Conditions, Wounds and Injuries.	Regulations for C.A.V.S. Animal Management, Chap. IX.
61 to 62	Vaccines and Bacterines and Serums as Curative and Prophylactic Agents.	Precis.

Pages 115 and 116—*Conc.*

VETERINARY CORPS—*Con.*

LIEUTENANT TO CAPTAIN—*Con.*

Period	Detail	Reference
63 to 65	Treatment and Disposal of Sick and Injured Horses, Camps of Instruction.	Memo. for Camps of Instruction. P. & A. Regulations. Regulations for C.A.V.S. Precis.
66 to 67	Contagious Diseases.....	Animal Management, Chap. IX. Field Service Regulations, Chap. XV. Precis.
68 to 69	Minor Injuries.....	Animal Management, Chap. VII.
70 to 71	Sanitation of Stables and Camp Horse Lines.	Animal Management, Chap. VI.
72 to 73	Infectious and Contagious Diseases of Animals.	Animal Management, Chap. XI. Regulations for C.A.V.S.
74 to 75	Contagious Skin Diseases.....	Animal Management, Chap. XI. Regulations for C.A.V.S.
76 to 77	Tropical Diseases.....	Animal Management, Chap. XI.
78 to 80	Hygiene and Stable Management.	Animal Management, Chap. VI. Precis.
81	Requisitioning of Remounts (War)	Field Service Pocket Book, Chap. XII. Field Service Regs., Chap. XIV. Mobilization Instructions for Can. Militia.
82 to 83	Management of Horses on Line of March	Animal Management, Chap. VI.
84	Descriptive Roll of Horses — Camps of Instruction.	Regulations for C.A.V.S. Memo. for Camps of Instruction. Precis.
85 to 86	Claims for Death, Injury or Disease of Horses.	Memo. for Camps of Instruction. P. & A. Regulations. Regulations for C.A.V.S. Precis.
87 to 88	Camp Veterinary Officers' Reports and Post Camp Claims.	" "
89	Veterinary Officers—Members of Boards Rations and Supplies.	Precis.
90	Training of R.C.A.V.C. Personnel	Regimental Standing Orders for the R.C.A.V.C. — Training Regulations, Chap. IV.

(With Militia Order 264 dated 5th August, 1939.)

HOW TO QUALIFY, 1938—AMENDMENTS (No. 3)

The publication "How to Qualify, 1938", as amended, is further amended as under:—

Pages 5 and 6, para. 5: the amendment to sub-para. "(d)" published in the appendix to M.O. 152 of 1939 is *cancelled* and the following *substituted* therefor:—

Cancel sub-para. "(d) (i)". Re-number "(ii)" and "(iii)" on page 6 as "(d) (i)" and "(ii)", respectively.

Page 8, para. 12: *cancel* sub-para. "(c)".

(H.Q. 245-5-9)

(End)

P. & S. Entry 957.
1500–8–39.

Not access.
Gov.Doc. Canada. National Defence, Dept.of
Can How to qualify. Instructions ... 1938.
N

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